Roland® BOSS®

PRODUCT CATALOG

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2006 Vol.1

V-Synth Version 2.0

VariPhrase COSM V-LINK Elastic Audio Synthesis

- *Flagship 61-note synthesizer with multiple oscillator technologies, user sampling with elastic VariPhrase editing, and COSM® modeling for incredibly dynamic and unique sounds.*
- *The V-Synth's feature set expands significantly with Version 2 user-installable update*
- *New factory patches provide "playable" sounds with exotic modulation control*
- *Sound Shaper function makes custom patch creation easier than ever*
- *Multi-Step Modulator gives new life and movement to sound*
- *Rhythm Sets enables complex and highly expressive drum kit manipulation*

- *Variable oscillators based on analog modeling, user samples, and hundreds of PCM waveforms.*
- *Add powerful new capability to your V-Synth with Roland's innovative V-Cards (optional).*

USB

Specifications

● **Keyboard** 61 keys (with velocity and channel aftertouch) ● **Sound Generator Configuration** Oscillator (envelope x 4 + LFO x 1) x 2, Modulator x 1, COSM (envelope x 2 + LFO x 1) x 2, TVA (envelope x 1 + LFO x 1) x 1 ● **Methods by Which Oscillators Produce Sound** PCM / VariPhrase (Preset waveforms + Sampling waveforms), Analog Modeling (14 waves: SAW, SQUARE, TRIANGLE, SINE, RAMP, JUNO, HQ-SAW, HQ-SQUARE, NOISE, LA-SAW, LA-SQUARE, SUPER-SAW, FEEDBACK-OSC, X-MOD-OSC), External Input ● **Modulator** 4 types (RING, FM, ENV-RING, OSC-SYNC) ● **COSM** 16 types (OD/DS, W-SHAPE, AMP, SPEAKER, RESONATOR, SBF1, SBF2, COMB, DUAL, TVF, DYN-TVF, COMP, LIMITER, F-SHIFT, LO-FI, TB-FILTER) ● **Zones (Splits)** 16 ● **Parts** 16 (normally), 12 (when using a rhythm kit) ● **Max. Polyphony** 24 voices (Varies depending on the load placed on the sound generator.) ● **Internal Memory** Project: 1, Patches: 512, Waves: 999, Wave memory (RAM): 50MB (When the unit ships from the factory, 32MB of this is taken up by the preset waves.) ● **External Storage Device** PC CARD slot (Microdrive, SmartMedia or CompactFlash can be used with PC card adaptor.) ● **Effects** MFX (Multi-effects): 41 sets, Chorus: 8 sets, Reverb: 10 sets ● **System EQ** 4 bands ● **Sampling Frequency** Internal: 44.1kHz, Digital Audio IN/OUT: 96, 48, 44.1kHz ● **Signal Processing** Internal processing: <Sound generating section> 32-bits (floating point), <Effects section> 24-bits (fixed point), DA Conversion: 24-bits, AD Conversion: 24-bits ● **Nominal Output Level** MAIN OUT: +4dBu, DIRECT OUT: +4dBu ● **Nominal Input Level** INPUT (LINE): -20dBu, INPUT (MIC): -46dBu ● **Arpeggiator** Patterns: User programmable (supports use of control change messages), Motifs: 8 types, Tempo: 20 to 250 BPM ● **Multi Step Modulator** Tracks: 4, Steps: 16, Tempo: 20 to 250 BPM ● **Display** Graphic 320 x 240 dot backlit LCD with touchscreen ● **Controllers** Pitch Bend / Modulation Lever, TimeTrip Pad, D Beam Controller (Twin Beam), Assignable Control Knobs (C1, C2) ● **Connectors** Headphones Jack, Main Output Jacks (L/MONO, R) (1/4" phone type), Direct Output Jacks (L, R) (1/4" phone type), Input Jacks (L, R) (1/4" phone type) (Equipped with line/mic gain switch), Hold Pedal Jack, Control Pedal Jacks (1, 2) (assignable), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer and USB MIDI), Digital Audio Interface (24-bit, IEC60958) (COAXIAL (IN, OUT), OPTICAL (IN, OUT)), AC Inlet ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 16W ● **Dimensions** 1,056 (W) x 398 (D) x 111 (H) mm (41-5/8" x 15-11/16" x 4-3/8") ● **Weight** 13.1 kg (28 lbs. 15 oz.) ● **Accessories** Owner's Manual, Sound List, CD-ROM (USB Driver, Librarian), PC Card Protector, Power Cable ** 0 dBu = 0.775 Vrms*

V-Synth XT

VariPhrase COSM V-LINK Elastic Audio Synthesis

- *The V-Synth's powerful variable-oscillator synthesis in rack/tabletop module*
- *New patches by world-class artists, and Sound Shaper function for fast navigation through extensive editing parameters*
- *Rhythm Sets for unique rhythmic manipulation*
- *Multi-Step Modulator for incredible sound-design possibilities*
- *Extended analog-modeled waveform set, including SuperSaw, Polyphonic Feedback Oscillator, and X-mod (Cross Modulation) Oscillator*
- *USB streaming-audio, MIDI, and file transfer for one-cable computer connectivity*
- *VC-1 D-50 card and VC-2 Vocal Designer card pre-installed; V-Card® applications can be launched without rebooting*

- *Color touch-screen and eight universal edit knobs for fast, friendly operation*
- *Front-panel combo XLR/phono input for external audio processing*

USB

Specifications

● **Sound Generator Configuration** Oscillator (envelope x 4 + LFO x 1) x 2, Modulator x 1, COSM (envelope x 2 + LFO x 1) x 2, TVA (envelope x 1 + LFO x 1) x 1 ● **Methods by Which Oscillators Produce Sound** PCM / VariPhrase (Preset waveforms + Sampling waveforms), Analog Modeling (14 waves: SAW, SQUARE, TRIANGLE, SINE, RAMP, JUNO, HQ-SAW, HQ-SQUARE, NOISE, LA-SAW, LA-SQUARE, SUPER-SAW, FEEDBACK-OSC, X-MOD-OSC), External Input ● **Modulator** 4 types (RING, FM, ENV-RING, OSC-SYNC) ● **COSM** 16 types (OD/DS, W-SHAPE, AMP, SPEAKER, RESONATOR, SBF1, SBF2, COMB, DUAL, TVF, DYN-TVF, COMP, LIMITER, F-SHIFT, LO-FI, TB-FILTER) ● **Zones (Splits)** 16 ● **Parts** 16 (normally), 12 (when using a rhythm kit) ● **Max. Polyphony** 24 voices (Varies depending on the load placed on the sound generator.) ● **Internal Memory** Project: 1, Patches: 512, Waves: 999, Wave memory (RAM): 50MB (When the unit ships from the factory, 32MB of this is taken up by the preset waves.) ● **External Storage Device** PC CARD slot (Microdrive, SmartMedia or CompactFlash can be used with PC card adapter.) ● **Effects** MFX (Multi-effects): 41 sets, Chorus: 8 sets, Reverb: 10 sets ● **System EQ** 4 bands ● **Internal V-Card applications** VC-1: D-50 for V-Synth/VariOS, VC-2: Vocal Designer **Switchable from the standard system while the power remains on.* ● **Sampling Frequency** Internal: 44.1kHz, Digital Audio IN/OUT: 96, 48, 44.1kHz ● **Signal Processing** Internal Processing: <Sound generating section> 32-bits (floating point), <Effects section> 24-bits (fixed point), DA Conversion: 24-bits, AD Conversion: 24-bits ● **Nominal Output Level** MAIN OUT: +4dBu, DIRECT OUT: +4dBu ● **Nominal Input Level** Input (Rear Panel): -10/-20dBu, Mic (Front Panel, XLR type): 50 to -10dBu, Mic (Front Panel, 1/4" TRS phone type): -36 to +4dBu ● **Arpeggiator** Patterns: User programmable (support use of control change messages), Motifs: 8 types, Tempo: 20 to 250 BPM ● **Multi Step Modulator** Tracks: 4, Steps: 16, Tempo: 20 to 250 BPM ● **Display** Graphic 320 x 240 dot backlit color LCD with touchscreen ● **Controllers** Assignable MIDI Control Knobs (E1 to E8) ● **Connectors** Headphones Jack, Main Output Jacks (L/MONO, R) (1/4" TRS phone type), Direct Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO, R) (1/4" phone type), Mic Jack (1/4" phone type / XLR type, Hi-Z, phantom power), MIDI Connectors (IN, OUT, THRU), USB Connector (supports USB MIDI, file transfer, and USB Audio), Digital Audio Interface (24-bit, IEC60958) (COAXIAL (IN, OUT), OPTICAL (IN, OUT)), AC Inlet ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 16W ● **Dimensions** <When placed on top of a table> 482 (W) x 179 (D) x 165 (H) mm (19" x 7-1/16" x 6-1/2") <When mounted in a rack> 482 (W) x 172 (D) x 177 (H) mm (19" x 6-13/16" x 7") **EIA-4U size: A vacant rack space immediately above is required in order to utilize the V-Synth XT's rotation feature.* ● **Weight** 4.4 kg (9 lbs. 12 oz.) ● **Accessories** V-Synth XT Owner's Manual, VC-1 Owner's Manual, VC-2 Owner's Manual, Sound List, CD-ROM (USB Driver, Librarian), PC Card Protector, Power Cord, Rotation Lock Hardware ** 0 dBu = 0.775 Vrms*

VariOS OPEN SYSTEM MODULE

VariPhrase COSM

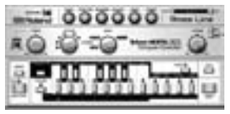
- *Open-ended hardware/software bundle consisting of VariOS module and downloadable control software for Mac or PC*
- *Includes three software bundles: V-Producer, VariOS-8, and VariOS 303*
- *V-Producer offers realtime audio manipulation/construction using VariPhrase®**
- *GrooveScope window allows non-destructive reconstruction of rhythm loops*
- *PhraseScope window provides free-form editing of melodies*
- *VariOS-8 emulates vintage Juno- and Jupiter-style polysynths with intuitive onscreen editing*
- *VariOS 303 emulates TB-303-style bass sounds with step sequencing and "slides"*
- *High-quality effects included for each software application; zero CPU drain*
- *Connect VariOS to your computer via USB or use it as a stand-alone module*
- *Compatible with Roland's VC-1 (D-50 emulation) and VC-2 (Vocal Designer) cards*

**For details, please visit us online at http://www.Roland.com/VariOS/*

***VariPhrase technology for use under one or more of U.S. Pat. Nos, 6,421,642, 6,323,797, 6,201,175 and 6,207,885. U.S. Patent Pending*

● VariOS-8

It's like having a vintage Roland polysynth reborn in VariOS software. Detailed editing screens make programming sounds and the onboard effects quick and intuitive.



● VariOS 303

Get those classic acid bass and lead synth sounds complete with step sequencing. A new Slider Pattern screen makes programming patterns and "slides" easier than ever.

USB

Specifications

● **Sound Generator** VariPhrase ● **Parts** 1 to 6 ● **Max. Polyphony** 14 ● **Internal Memory** Performance: 1, Samples: 128, Wave memory (RAM): 46MB, Backup memory (FLASH): 32MB ● **External Storage Device** PC CARD slot (Microdrive, SmartMedia or CompactFlash can be used with PC card adapter.) ● **Sampling Frequency** 44.1kHz (Internal) ● **Data Format** 16-bit linear ● **Effects** Reverb: 9 sets, Chorus: 1 set (8 types), Multi: 40 sets ● **Connectors** USB Connector, Headphones, Main Output (L/Mono, R), Direct Output (L, R), Input (L, R), MIDI Connectors (In, Out), Digital Audio Output: S/PDIF Connectors (COAXIAL, OPTICAL) (24-bit, 44.1kHz), AC Inlet ● **Power Supply** AC 117/230/240 V ● **Power Consumption** 10W (AC 117 V), 12W (AC 230/240 V) ● **Dimensions** 430 (W) x 222 (D) x 44 (H) mm (16-15/16" x 8-3/4" x 1-3/4") (EIA-1U Rackmount Type) ● **Weight** 2.2 kg (4 lbs. 14 oz.) ● **Accessories** CD-ROM (V-Producer, Driver), USB Cable, Rackmount Adapter x 2 ** 0 dBu=0.775 Vrms*

System Requirements

	Windows	Macintosh
Operating system	Microsoft® Windows® XP Home/XP Professional/2000 Professional/Me/98 Second Edition **Windows XP/2000 recommended*	Mac OS 9.0.4 or later, Mac OS X v10.2 or later
Computer	Windows-compatible personal computer equipped with a USB port	Apple Macintosh computer equipped with a USB port
CPU/Clock	Pentium®, Celeron™, Intel-compatible Processor/500MHz or higher	OS 9: PowerPC G3/233MHz or higher, OS X: PowerPC G3/500MHz or higher
Memory (RAM)	128MB or more	192MB or more (256MB or more is recommended)
Display/Colors	800 x 600 pixels or higher/65,535 colors or more (High Color 16-bit)	800 x 600 pixels or higher/32,000 colors or more
Others		OMS support

**While under most conditions, a computer similar to the above will permit normal operation of VariOS software, Roland cannot guarantee compatibility solely on these factors. This is due to numerous variables that may influence the processing environment, such as differences in motherboard design and the particular combination of other devices involved.*

**If you are using this system together with other software, the system requirements may exceed those listed above.*

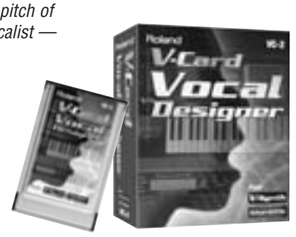
VC-1 D-50 V-Card®

Editor Software Included

- *PC Card turns the V-Synth and VariOS into a complete reconstruction of Roland's groundbreaking D-50 L/A Synthesizer*
- *Includes all original presets, such as "Fantasia," "Living Calliope," and "Intruder FX"*
- *Full programmability using the V-Synth's touch-screen, knobs, and sliders*
- *Original D-50 patches can be imported via MIDI bulk dump*
- *Editor software "UniQuest VC-1" included (Win/Mac)*
- *Pre-installed in the V-Synth XT*

VC-2 Vocal Designer V-Card®

- *Advanced vocal modeling; create background vocals, large or small ensembles, authentic or synthetic*
- *Choir Modeler creates massive choral performances with words generated from your own voice*
- *High-definition pitch detection algorithm allows voice models to be played from the pitch of incoming audio, such as singing vocalist — no keyboard playing required*
- *Poly-Voice Keyboard mode allows vocal sounds to be played without audio input — no singing or mic input required*
- *Available in PC Card format for V-Synth and VariOS*
- *Pre-installed in the V-Synth XT*



Fantom X6/X7/X8
Audio Track Expansion

Editor Software Included
COSM
V-LINK

- *Flagship 128-voice sampling production workstations available in three keyboard types – Fantom-X6 (61 keys), Fantom-X7 (76 keys), Fantom-X8 (88 keys Progressive Hammer-Action)*
- *Intuitive sequencer consisting of 16 MIDI tracks and 8 stereo audio tracks*
- *Multisample editing for elaborate sample-based patch creation*
- *Skip Back Sampling – continuous sampling for instantly retrieving a sound or phrase and turning it into a sample*
- *3 MFX processors, plus dedicated reverb, chorus, and a mastering processor*
- *USB (MIDI and file transfer) and digital audio input/output (coaxial) interface onboard*
- *Color LCD (graphic 320 x 240 dots backlit)*

■ Fantom-X8

■ Fantom-X7

■ Fantom-X6

GENERAL midi2 | 4 SRX | USB

Specifications

● **Keyboard** [X6] 61 keys (with velocity and channel aftertouch), [X7] 76 keys (with velocity and channel aftertouch), [X8] 88 keys (Progressive Hammer Action Mechanism and channel aftertouch) [Sound Generator Section] ● **Max. Polyphony** 128 voices (shared with the sampling section) ● **Parts** 16 parts (MIDI) + 8 parts (Audio Track) ● **Wave Memory** 128MB (16-bit linear equivalent) ● **Waveforms** 1,480 ● **Preset Memory** Patches: 1,152 + 256 (GM2), Rhythm Sets: 40 + 9 (GM2), Performances: 64 ● **User Memory** Patches: 256, Sample Patches: 2,000, Rhythm Sets: 32, Performances: 64 ● **Card Memory (PC card)** Patches: 256, Sample Patches: 7,000, Rhythm Sets: 32, Performances: 64 ● **Effects** Multi-Effects: 3 systems, 78 types, Chorus: 3 types, Reverb: 5 types, Input Effects: 6 types, Mastering Effects: 3-band Compressor [Sampling Section] ● **Data Format** 16-bit linear (File Type: .WAV/.AIFF) ● **Sampling Frequency** 44.1kHz (fixed) ● **Max. Sampling Time** Standard: 32MB (mono: 360 sec. approx., stereo: 180 sec. approx.), Maximum (expanded with DIMM): 544MB (mono: 108 min. approx., stereo: 54 min. approx.) ● **Number of Samples** User memory: 2,000 (maximum total approximately 32MB), Card memory: 7,000 (PC card) [Sequencer Section] ● **Tracks** Phrase tracks (16 MIDI channels per track): 16, Pattern track (16 MIDI channels per track): 1, Audio track: 8, Tempo track: 1, Beat track: 1 *The Pattern Track can hold up to 100 patterns.nResolution 480 TPQN ● **Tempo** 5 to 300 ● **Note Capacity** approx. 400,000 notes ● **Song Length** 9,998 measures ● **Recording Method** Realtime recording, Step recording [Others] ● **Arpeggiator** Preset: 128, User: 128 ● **Rhythm Pattern** Preset: 256 (32 groups), User: 256 (32 groups) ● **Chord Memory** Preset: 64, User: 64 ● **Display** Graphic 320 x 240 dots backlit LCD (Color) ● **Pads** 16 pads, Velocity and Aftertouch sensitive ● **Controllers** Pitch Bend/Modulation Lever, Control Knob x 4, Assignable Switch x 2, D Beam Controller ● **Connectors** Headphones Jack, A (MIX) Output Jacks (L/MONO, R) (1/4" TRS phone type), B Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO/MIC, R) (1/4" phone type), Hold Pedal Jack (Half Pedal recognition), Control Pedal Jack (assignable), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer (mass storage class) and MIDI), Digital Audio Interface (COAXIAL INPUT/OUTPUT), AC Inlet ● **Expansion Slots** [Expansion of waveforms and patchs for the internal sound generator] SRX expansion boards: 4 slots, [Expansion of sampling memory] DIMM: 1 slot (supports 128/256/512MB (3.3 V)) ● **External Storage Device** PC Card: 1 slot (supports SmartMedia and CompactFlash using a PC card adaptor) ● **Power Supply** AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) ● **Power Consumption** 17W ● **Dimensions** [X6] 1,050 (W) x 358 (D) x 125 (H) mm, (41-3/8" x 14-1/8" x 4-15/16"), [X7] 1,262 (W) x 358 (D) x 125 (H) mm, (49-11/16" x 14-1/8" x 4-15/16"), [X8] 1,408 (W) x 455 (D) x 165 (H) mm, (55-7/16" x 17-15/16" x 6-1/2") ● **Weight** [X6] 12.5 kg (27 lbs. 9 oz.), [X7] 14.5 kg (32 lbs.), [X8] 29.5 kg (65 lbs. 1 oz.) ● **Accessories** Handbook, Owner's Manual, Guide to the Added Functionality, Sound List, Sample Data (Audio) CD, CD-ROM (Editor(Patch, Sample, Multi-sample), Librarian, S-700 series sample converter, USB MIDI driver), PC Card Protector, Power Cord

Fantom XR
Sample Tools Expansion

Editor Software Included
COSM

- *Updates the Fantom-XR to new operation system via Memory Card installation; CompactFlash and PC-card adaptor included*
- *Fantom-X Editor software Version 2 CD-ROM also included, which contains the new Sample Editor, the Multisample Editor, and the S-700 conversion software for PC/Mac*
- *Adds multisample waveform editing for serious sample-based patch creation*
- *Adds Auto-Patch Bank mode, which creates patches for every sample for quick use in a composition*
- *New Sample Gain parameter (0/+6/+12dB)*

GENERAL midi2 | 6 SRX | USB

Specifications

[Sound Generator Section] ● **Max. Polyphony** 128 voices (shared with the sampling section) ● **Parts** 16 parts ● **Wave Memory** 128MB (16-bit linear equivalent) ● **Waveforms** 1,480 ● **Preset Memory** Patches: 1,152 + 256 (GM2), Rhythm Sets: 40 + 9 (GM2), Performances: 64 ● **User Memory** Patches: 256, Sample Patches: 2,000, Rhythm Sets: 32, Performances: 64 ● **Card Memory (PC card)** Patches: 256, Sample Patches: 7,000, Rhythm Sets: 32, Performances: 64 ● **Effects** Multi-Effects: 3 systems, 78 types, Chorus: 3 types, Reverb: 5 types, Input Effect: 6 types, Mastering Effect: 3-band Compressor

[Sampling Section] ● **Data Format** 16-bit linear (File Type: .WAV/AIFF) ● **Sampling Frequency** 44.1kHz (fixed) ● **Max. Sampling Time** Standard: 16MB (mono: 180 sec. approx., stereo: 90 sec. approx.), Maximum (expanded with DIMM): 528MB (mono: 104 min. approx., stereo: 52 min. approx.) ● **Number of Samples** User memory: 2,000 (maximum total approximately 16MB), Card memory: 7,000 (PC card)

[Others] ● **Arpeggiator** Preset: 128, User: 128 ● **Rhythm Pattern** Preset: 256 (32 groups), User: 256 (32 groups) ● **Chord Memory** Preset: 64, User: 64 ● **Display** Graphic 160 x 48 dots backlit LCD ● **Connectors** Headphones Jack, A (MIX) Output Jacks (L/MONO, R) (1/4" TRS phone type), B Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO/MIC, R) (1/4" phone type), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer (mass storage class) and MIDI), Digital Audio Interface (COAXIAL INPUT/OUTPUT), AC Inlet ● **Expansion Slots** [Expansion of waveforms and patchs for the internal sound generator] SRX expansion boards: 6 slots, [Expansion of sampling memory] DIMM: 1 slot (supports 128/256/512MB (3.3 V)) ● **External Storage Device** PC card: 1 slot (supports SmartMedia and CompactFlash using a PC card adaptor) ● **Power Supply** AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) ● **Power Consumption** 13W ● **Dimensions** 481 (W) x 355 (D) x 44 (H) mm (18-15/16" x 14" x 1-3/4") ● **Weight** 3.75 kg (8 lbs. 5 oz.) ● **Accessories** Owner's Manual, Guide to the Added Functionality, Sample Data (Audio) CD, CD-ROM (Editor (Patch, Sample, Multi-sample), Librarian, S-700 series sample converter, USB MIDI driver), PC Card Protector (and 2 screws), Power Cord

Fantom Xa
Sampling Workstation

Editor Software Included
COSM
V-LINK

- *Advanced sampling production workstation with 61-note keyboard, 128 voices, and affordable price*
- *Seamless integration of audio and MIDI using ROM waves and sampling with realtime time-stretch capability*
- *Skip Back Sampling — continuous sampling for easy recording, sound design, and audio rescue*
- *USB port for MIDI and WAV/AIFF/SMF file exchange with PC or Mac*
- *128 new Patches, plus all Fantom-S preset Patches and Waves onboard*
- *3 MFX processors, plus dedicated reverb, chorus, and a mastering processor*
- *Expandable via 1 optional SRX-Series Wave Expansion Board*
- *4 line outputs (2 stereo or 4 mono), and mic/stereo line input*

GENERAL midi2 | 1 SRX | USB

Specifications

● **Keyboard** 61 keys (with velocity) **[Sound Generator Section]** ● **Max. Polyphony** 128 voices (shared with the sampling section) ● **Parts** 16 parts ● **Wave Memory** 64MB (16-bit linear equivalent) ● **Waveforms** 1,228 ● **Preset Memory** Patches: 768 + 256 (GM2); Rhythm Sets: 36 + 9 (GM2); Performances: 64 ● **User Memory** Patches: 256; Rhythm Sets: 32; Performances: 64 ● **Card Memory (PC card)** Patches: 256; Rhythm Sets: 32; Performances: 64 ● **Effects** Multi-Effects: 3 systems, 78 types; Chorus: 3 types; Reverb: 5 types; Input Effects: 6 types; Mastering Effects: 3-band compressor **[Sampling Section]** ● **Data Format** 16-bit linear (File Type: .WAV/.AIFF) ● **Sampling Frequency** 44.1kHz (fixed) ● **Max. Sampling Time** mono: 47 sec. approx.; stereo: 23.5 sec. approx. *When sampling memory isn't expanded (4MB) mono: 102 min. approx.; stereo: 51 min. approx. *When sampling memory is expanded with DIMM (516MB) ● **Number of Samples** User Memory: 2,000 (max. total approximately 16MB); Card memory: 7,000 (PC card) **[Sequencer Section]** ● **Tracks** Phrase tracks (16 MIDI channels per track): 16; Tempo track: 1; Beat track: 1; Pattern: 100 ● **Resolution** 480 TPQN ● **Tempo** 5 – 300 ● **Note Capacity** approx. 400,000 notes ● **Song Length** 9,998 measures ● **Recording Method** Realtime recording, Step recording **[Others]** ● **Arpeggiator** Preset: 128; User: 128 ● **Rhythm Pattern** Preset: 256 (32 groups); User: 256 (32 groups) ● **Chord Memory** Preset: 64; User: 64 ● **Display** Graphic 240 x 64 dots backlit LCD ● **Pad Buttons** 10 pads (Trigger/Category Selection/Numeric Keys) ● **Controllers** Pitch Bend/Modulation Lever, Control Knob x 4, Assignable Switch x 2, D Beam Controller ● **Connectors** Headphones Jack, A (MIX) Output Jacks (L/MONO, R): 1/4" phone type, B Output Jacks (L, R): 1/4" phone type, Input Jacks (L/MONO/MIC, R): 1/4" phone type, Hold Pedal Jack (Half Pedal recognition), Control Pedal Jack (assignable), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer and MIDI), AC Adaptor Jack ● **Expansion Slots** SRX expansion boards: 1 slot, DIMM: 1 slot (supports 128/256/512MB (3.3 V)), PC Card: 1 slot (supports SmartMedia and CompactFlash using a PC card adapter) ● **Power Supply** DC 9 V (AC Adaptor) ● **Current draw** 1,200 mA ● **Dimensions** 1,065 (W) x 358 (D) x 114 (H) mm (41-15/16" x 14-1/8" x 4-1/2") ● **Weight** 10.9 kg (24 lbs. 1 oz.) (excl. AC Adaptor) ● **Accessories** CD-ROM (Editor, USB MIDI driver), PC Card Protector, AC Adaptor (PSB-1U)

JUNO-D
Synthesizer

Editor Software Included

- *Affordable 61-note synthesizer with 64-voice polyphony, improved keyboard feel*
- *640 top-quality patches, 20 rhythm sets, GM2 compatibility*
- *47 multi-effects, 8 reverb types, 8 chorus types*
- *Powerful arpeggiator, with 400 phrase/arpeggio templates*
- *Multi Chord memory for one-finger chord triggering; Rhythm Guide metronome with preset patterns and variations*
- *Mac/PC editing software included*

GENERAL midi2

Specifications

● **Keyboard** 61 keys (with velocity) **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Parts** 16 * Two Tones can be assigned to each part (Patch), and can be split or layered. n Wave Memory 32MB (16-bit linear equivalent) ● **Preset Memory** Original Tones: 640, Patches:640 (JUNO-D original: 384, General MIDI 2: 256), Rhythm Sets: 20 (JUNO-D original: 11, General MIDI 2: 9), Performances: 32 ● **User Memory Patches:** 128 * Two Tones can be assigned to each Patch. , Rhythm Sets: 2, Performances: 8 ● **Effects** Multi-Effects: 47 types, Reverb:8 types, Chorus: 8 types ● **Rhythm Guide** Preset Patterns: 32, Tempo: 5 to 300 BPM (with tap tempo function) ● **Multi-Chord Memory** Preset Chord Sets: 16 * 12 chord forms are assigned to each set; User Chord Sets: 8 * 12 chord forms can be assigned to each set. ● **Phrase/Arpeggio** Templates: 342, User Templates: 8, Styles (Variations): 473 ● **Controllers** D Beam Controller: 1, Pitch Bend/Modulation Lever: 1,Control Knobs: 5 ● **Display** 20 characters, 2 lines (Backlit LCD) ● **Connectors** Output Jacks (L/MONO, R), Headphones Jack, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack ● **Power Supply** DC 9 V (AC Adaptor) ● **Current Draw** 1000 mA ● **Dimensions** 1,021 (W) x 292 (D) x 103 (H) mm (40-1/4" x 11-1/2" x 4-1/16") ● **Weight** 5.0 kg (11 lbs. 1 oz.) (excl. AC adaptor) ● **Accessories** Owner's Manual, AC Adaptor (ACI Series or PSB-1U), CD-ROM (Editor program for PC/Mac) ● **Options** Pedal Switch (DP-2, DP-8), Foot Switch (BOSS FS-5U), Expression Pedal (EV-5)

A-37
MIDI Keyboard Controller

- *Affordable 76-note controller keyboard for MIDI studios and performance*
- *Synth-weighted keys respond to velocity and channel aftertouch*
- *GM2-compatible; 128 User patches and 2 independent keyboard zones*
- *Easy to use with improved 7-segment LED and assignable Data Entry slider*
- *Convenient sequencer Start/Stop buttons, Clock TX and Transpose buttons*
- *Includes 2 independent MIDI outputs, MIDI In and Thru, plus Hold and Foot Pedal inputs*
- *Battery or AC powered*

Specifications

● **Keyboard** 76 keys (with velocity and channel aftertouch) ● **Patches** 128 Patches for 2 individual zones ● **Panel Controls** Modulation/Bender lever, Data Entry Slider, Keyboard Mode (Lower, Upper, Layer, Split), Edit (Control, Data, Program Change), Patch/Parameter (A/B Patches Bank, Transpose), Sequencer (Start/Stop) ● **Connectors** Damper pedal, Expression pedal, MIDI (In, Out1, Out2, Thru), AC/DC Adaptor Jack ● **Dimensions** 1,195 (W) x 270 (D) x 113 (H) mm (47-1/16" x 10-11/16" x 4-1/2") ● **Weight** 7.7 kg (17 lbs.) ● **Accessories** Dry Batteries (AA type), MIDI cable, Music Rest ● **Option** AC adaptor

AX-7
MIDI Keyboard Controller

- *Stage-oriented shoulder keyboard in attractive pearl white body*
- *D Beam controller for more expression; 2 MIDI zones for total control*
- *Intuitive operation with new 7-segment LED display*
- *45-note velocity-sensitive keyboard — perfect for solos and bass lines*

Specifications

● **Keyboard** 45 keys (with velocity) ● **Display** 3 x 7 segments ● **Controllers** Data Entry knob, Touch Controller, Expression Bar, Hold Button, D Beam ● **Patches** 128 ● **Connectors** MIDI (In, Out), DC In ● **Dimensions** 1,010 (W) x 195 (D) x 102 (H) mm (39-13/16" x 7-11/16" x 4-1/16") ● **Weight** 3 kg (6 lbs. 10 oz.) ● **Accessories** Dry Batteries (AA Type) x 6, MIDI Cable, Shoulder strap ● **Option** AC Adaptor (ACA Series)

XV-2020
64-Voice Expandable Synthesizer Module

Editor Software Included

- *Half-rack synth module with 64MB of XV sounds and USB port*
- *64-voice polyphony and 16-part multitimbral operation*
- *Presets include 768 Patches, 17 Rhythm Sets, and 64 Performances*
- *Expandable via 2 SRX-series Wave Expansion Boards*
- *USB port for easy MIDI connection and control via software*
- *3 independent effects processors: reverb, chorus, and 40 multi-effects*
- *Stereo 1/4" and RCA outputs*
- *Includes editing software for Mac or PC*

Specifications

● **Parts** 16 ● **Max. Polyphony** 64 ● **Wave Memory** 64MB (16-bit linear equivalent), Waveforms: 1,083 ● **Expansion Slot** Wave Expansion Board SRX Series: 2 slots ● **Preset Memory** Patches: 512 (128 x 4 Banks) + 256 (GM2 Patches), Rhythm Sets: 8 (4 x 2 Banks) + 9 (GM2 Rhythm Sets), Performances: 64 (32 x 2 Banks) ● **User Memory** Patches: 128, Rhythm Sets: 4, Performances: 64 ● **Effects** Multi-effects: 40 sets, Chorus: 1 set, Reverb: 1 set (8 types) ● **Display** 7 segments, 3 characters (LED) ● **Connectors** Headphones (Stereo 1/4" phone type), USB Connector, Output (L/Mono, R) (1/4" phone type), Output (L, R) (RCA phono type), MIDI (In, Out, Thru), DC IN, Ground Terminal ● **Power Supply** DC 9 V (AC Adaptor) ● **Dimensions** 218 (W) x 237 (D) x 45 (H) mm (8-5/8" x 9-3/8" x 1-13/16") ● **Weight** 1.4 kg (3 lbs. 2 oz.) ● **Accessories** AC Adaptor (ACI-120C/ACI-230C/PSB-1U), CD-ROM (XV Editor, USB Driver), Rubber Feet ● **Options** Wave Expansion Board: SRX Series, Rack Mount Adaptor: RAD-50

SRX-Series
Wave Expansion Boards

*Compatible products: Fantom, Fantom-S/-S88, Fantom-X6/-X7/-X8/-XR/-Xa, XV-5080/5050/3080/2020/88, MC-909, RD-700/RD-700sx, V-Combo and G-70.
(Tones may sound different between compatible models, and the number of Tones that can be selected may also vary.)

SRX-03
Studio SRX
For musicians in search of the latest pop music sounds, Roland introduces the SRX-03 "Studio SRX." This wave expansion board includes everything from expressive pianos, bass and synth sounds to unbelievable nylon string guitars, drums and more—all recorded in world-class studios to preserve their natural ambience.

SRX-06
Complete Orchestra
SRX-06 "Complete Orchestra" contains all the waveforms from Roland's popular SR-JV80-02 "Orchestral," SR-JV80-16 "Orchestral II" and SR-JV80-13 "Vocal" collections. Selected waveforms from SR-JV80-07 "Super Sound Set" are also included. As such, SRX-06 provides 449 fresh, inspiring sounds for composers, film scoring or any situation where realistic orchestral and vocal sounds are needed.

SRX-09
World Collection
SRX-09 "World Collection" takes its waveforms from Roland's popular SR-JV80-05 "World," SR-JV80-14 "Asia," and SR-JV80-18 "Latin" collections. There's even a little bit of country thrown in from SR-JV80-17! So whether you're working in Nashville, Miami or Tokyo, you'll have 448 brand-new Patches and 21 unique Rhythm Sets ready to spice up your music.

SRX-01
Dynamic Drum Kits
The SRX-01 Dynamic Drum Kits was developed in cooperation with Spectrasonics® and is loaded with the finest acoustic drum sounds ever assembled. Painstakingly sampled and edited in world-class studios, these vintage and modern kits can be layered and played in stereo with the most delicate of nuances.

SRX-04
Symphonique Strings
The SRX-04 "Symphonique Strings" gives film composers, songwriters, and musicians direct access to the world's finest stereo-sampled string and orchestral sounds without the load time of a CD-ROM. Designed to be extremely realistic, these ultra-expressive sounds offer multiple performance articulations and 4-way velocity-switching capability.

SRX-07
Ultimate Keys
SRX-07 "Ultimate Keys" contains all the waveforms from Roland's SR-JV80-04 "Vintage Synth," SR-JV80-08 "Keyboards of the '60s & '70s," and SR-JV80-10 "Bass & Drums," plus select waves from SR-JV80-09 "Session" and SR-JV80-03 "Piano." With 475 all-new Patches and 11 Rhythm Sets, SRX-07 covers all the bases including some tasty loops.

SRX-10
Big Brass Ensemble
The SRX-10 Big Brass Ensemble includes a world-class collection of brass sounds suited for pop music, film scoring, classical, and more. Created by top studio engineers such as Dan Blessinger (Martinsound), each of the SRX-10's patches captures the true articulations and feel of traditional brass instruments and ensembles—including realistic "falls"—allowing composers to arrange brass parts with startling realism. It's perfect for use with other SRX expansions such as SRX-04 Symphonique Strings. The definitive brass collection.

SRX-02
Concert Piano
The SRX-02 Concert Piano board dedicates its entire wave memory to one purpose—reproducing the most exquisite stereo-sampled piano sound Roland has ever offered. When combined with a Fantom-X8 or RD-700sx's precision Hammer-Action keyboard, the SRX-02 provides a heavenly piano playing experience.

SRX-05
Supreme Dance
The SRX-05 Supreme Dance is Roland's finest collection of dance music sounds ever offered on an expansion board. This massive library includes 818 waveforms, 312 Patches, and 34 Rhythm Sets which can be played from any SRX-compatible Roland instrument.

SRX-08
Platinum Trax
With SRX-08 "Platinum Trax," DJs and remixers gain some of the most sought-after dance music sounds ever—taken from the SR-JV80-11 "Techno," SR-JV80-12 "HipHop" and SR-JV80-19 "House" collections. As a bonus, a collection of waves from SR-JV80-15 "Special FX" have also been added, making the SRX-08 one of the most complete dance music libraries ever.

SRX-11
Complete Piano
Roland delivers its most stunning 88-note multisampled grand piano yet. Each key of a world-class grand was meticulously recorded in high-resolution stereo, with 4-stage velocity switching employed, resulting in 704 samples for this single instrument! The ultra-wide dynamic range of this sampled piano makes it ideal for virtually all musical styles. One piano, no compromise.

RD-700sx
Digital Piano

COSM V-LINK

- *Two great new grand piano soundsets, each with 88-key multisamples*
- *Roland's most expressive Progressive Hammer-Action Keyboard*
- *128-voice polyphony*
- *3-band parametric EQ with graphical user interface and COSM effects for easy tone shaping*
- *Realistic tonewheel organ sounds with graphic drawbar editing*
- *XLR outputs for professional use*
- *Master keyboard functions with two individual MIDI outputs for controlling external MIDI modules*
- *Built-in SMF player with USB connection for PC/Mac*
- *2 SRX Expansion slots for adding great new sounds*
- *Complete GM2-compatible sound engine onboard*
- *Micro-tuning of each key*

Specifications

● **Keyboard** 88 keys (Progressive Hammer Action Keyboard) ● **Part** 16 parts ● **Max. Polyphony** 128 voices ● **Wave Memory** 128MB (16-bit linear equivalent) ● **Expansion Slots** Wave Expansion Board SRX Series: 2 slots ● **Tones** Normal Tones: 208, Tonewheel Organ: 10, General MIDI 2 Tones: 256, Rhythm Sets: 5, General MIDI 2 Rhythm Sets: 9 ● **Setups** 100 ● **Flash Memory** Approx. 1MB (1,000KB) ● **Effects** Multi-Effects: 2 systems, 125 types, Reverb: 6 types, Chorus: 3 types, Sound Control (3-band Compressor), 3-band Digital Equalizer ● **Arpeggiator** 128 styles ● **Rhythm Pattern** 185 patterns ● **Controllers** Zone Level slider x 4 (Assignable), Equalizer knobs, Reverb knob, Chorus knob, Multi-Effects Control knob, Pitch Bend/Modulation lever ● **Display** 128 x 64 dots graphic LCD (with backlit) ● **Connectors** Headphones Jack: Stereo 1/4" phone type, Output Jacks (L/MONO, R): 1/4" phone type, Output Jacks (L, R): XLR type, Pedal Jacks (DAMPER, FC1, FC2): 1/4" TRS phone type, MIDI Connectors (IN, OUT1, OUT2, THRU), USB Connector (supports file transfer and MIDI), AC Inlet ● **Power Supply** AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) ● **Power Consumption** 12W ● **Dimensions** 1,414 (W) x 374 (D) x 143 (H) mm, (55-11/16" x 14-3/4" x 5-11/16") ● **Weight** 24.5 kg (54 lbs. 1 oz.) ● **Accessories** Owner's Manual, CD-ROM (RD USB Driver), Damper Pedal (DP-8), Power Cord ● **Options** Wave Expansion Board: SRX Series, Pedal Switch: DP-2, Damper Pedal: DP-8, DP-10, Foot Switch: BOSS FS-5U, FS-6 (TRS phone jacks cannot be used.), Expression Pedal: EV-5, EV-7

RD-300sx
Digital Piano

V-LINK

- *New stage piano with 88-key grand piano multisamples*
- *Compact Progressive Hammer-Action Keyboard*
- *Lightweight and portable*
- *128-voice polyphony*
- *Onboard multi effects with 78 algorithms and 2-band EQ with dedicated knobs*
- *32 programable Setups allow instant recall of custom settings*
- *USB MIDI for easy connection to a PC or Mac*
- *Easy splits and dual; master keyboard control*
- *GM2-compatible sound engine onboard*

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer Action Keyboard) ● **Part** 16 parts ● **Max. Polyphony** 128 voices ● **Wave Memory** 64MB (16-bit linear equivalent) ● **Tones** Normal Tones: 70, General MIDI 2 Tones: 256, Rhythm Sets: 5, General MIDI 2 Rhythm Sets: 9 ● **Setups** 32 ● **Effects** Multi-Effects: 78 types, Reverb: 4 types, Sound Control, 2-band Digital Equalizer ● **Rhythm Pattern** 185 patterns ● **Controllers** Zone Level slider x 2, Equalizer knobs, Pitch Bend/Modulation lever ● **Display** 7 segments, 3 characters (LED) ● **Connectors** Headphones Jack: Stereo 1/4" phone type, Output Jacks (L/MONO, R): 1/4" phone type, Pedal Jacks (DAMPER, CONTROL): 1/4" TRS phone type, MIDI Connectors (IN, OUT), USB Connector (MIDI), DC IN Jack ● **Power Supply** DC 9V (AC adaptor) ● **Power Consumption** 11W ● **Dimensions** 1,408 (W) x 336 (D) x 134 (H) mm (55-7/16" x 13-1/4" x 5-5/16") ● **Weight** 15.5 kg (34 lbs. 3 oz.) ● **Accessories** Owner's Manual, USB Installation guide, CD-ROM (Roland Digital Piano USB Driver), Damper Pedal (DP-8), AC Adaptor (PSB-1U), Power Cord ● **Options** Keyboard Stand: KS-12, Pedal Switch: DP-2, Damper Pedal: DP-8, DP-10, Foot Switch: BOSS FS-5U, FS-6 (TRS phone jacks cannot be used.), Expression Pedal: EV-5, EV-7, MIDI Implementation

V-Combo VR-760
Performance Keyboard

COSM V-LINK

- *76-note keyboard with top-quality organ, piano, and synthesizer sounds*
- *Fully polyphonic organ sounds; 128-voice polyphony for piano/synth sounds*
- *Professional VK-Series organs with COSM® Amp and Rotary Speaker Modeling*
- *Expressive new electric piano sounds, plus stereo-sampled acoustic piano sounds with COSM Mic Modeling*
- *Synthesizer section includes 6 Tone categories with intuitive knob-based editing*
- *Expandable via 2 optional SRX-Series Wave Expansion Boards*

Specifications

● **Keyboard** Waterfall 76 keys (with velocity and aftertouch) ● **Sound Generator** Organ: Virtual ToneWheel, Piano/Synth/Rhythm: PCM ● **Parts** ORGAN, PIANO, SYNTH, RHYTHM ● **Max. Polyphony** Organ: Full Polyphony, Piano/Synth/Rhythm: 128 ● **Wave Memory** 96MB (16-bit linear equivalent) **<Organ Section>** Harmonic Bar (16', 5-1/3', 8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1'), ToneWheel (Vintage 1/2, Clean), Vibrato and Chorus (V-1/2/3, C-1/2/3), Percussion (Second/Third/Soft/Slow), Amplifier (Type 1/2/3/4, Overdrive) Rotary (Slow/Fast, Brake) **<Piano Section>** Tones: 9 (3 variations by each A.Piano/E.Piano, and Others categories) Mic/Amp (Type 1/2, Distance/EQ), Piano MFX (Chorus, Tremolo, Wah, Phaser, Depth, Rate) **<Synth Section>** Tones: 18 (3 variations by each Strings, Choir/Scat, Brass, Synth Lead, Synth Pad, Bass categories), SRX Expansion, Tone Modifier: Attack, Release, Cutoff, Reso, Synth MFX: On/Off, Control, Active Expression: Fade, Timbre **<Rhythm Section>** Rhythm Pattern: 24 ● **Internal Memory** Registration: 64 ● **D Beam** Organ: Rotary Slow/Fast, Piano: Octave, Synth: Glide ● **Reverb** Room/Hall/Church, Depth ● **Master EQ** Low, Middle (Freq/Level), High ● **Expansion Slot** Wave Expansion Board SRX Series: 2 slots ● **External Memory** CompactFlash Memory ● **Other Functions** V-LINK, One Touch, Split, H-Bar Manual ● **Connectors** Output (L/Mono, R), Output (XLR type), Headphones, Expression Pedal, Damper Pedal, Control Pedal, MIDI (In, Out, Thru), AC Inlet ● **Power Consumption** 20W (AC 117/230/240 V) ● **Dimensions** 1,291 (W) x 400 (D) x 121 (H) mm (50-7/8" x 15-3/4" x 4-13/16") ● **Weight** 17 kg (37 lbs. 8 oz.) ● **Accessory** Music Rest ● **Options** Wave Expansion Board (SRX Series), Expression Pedal (EV-7/5, FV-300L), Damper Pedal (DP-8/2), Foot Switch (FS-5U), Keyboard Stand (KS-12)

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*
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** The V-Combo's CompactFlash file system is developed by Kyoto Software Research, Inc.*
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VK-88 COSM
Combo Organ

The VK-88 Combo Organ is a double-manual instrument incorporating advanced "Virtual ToneWheel" organ sounds with COSM® Amp and Rotary Speaker Modeling. A D Beam with multi-colored LED gives players enhanced realtime control, while two additional harmonic bars and Active Expression let players blend in other instrument tones.

- *Flagship double-manual combo organ with Virtual ToneWheel technology*
- *Dual waterfall keyboards with quick-firing keys—great for glissandos*
- *Includes "Orchestral Tones" like piano, strings, brass, and choir*
- *9 harmonic bars per manual, 2 harmonic bars for pedal part, plus 2 harmonic bars for Orchestral Tones*
- *4 types of COSM Amp Modeling including overdriven sounds*
- *Rotary speaker modeling simulates a well-known rotary speaker*
- *Authentic solid wood cabinet*
- *Optional KS-88 organ stand, BNC-88 organ bench, PK-25/PK-7 pedalboards, and RKS-88 external speaker rack kit*

Specifications

● **Manuals** Upper: 61 keys (Waterfall keyboard with velocity and aftertouch), Lower: 61 keys (Waterfall keyboard with velocity) ● **Sound Generator** Organ: Virtual ToneWheel, Orchestral Tones: PCM ● **Part** Organ: 3 (Upper/Lower/Pedal), Orchestral Tones: 3 (Upper/Lower/Pedal) ● **Max. Polyphony** Organ: Full Polyphony, Orchestral: 128 ● **Organ** Tone wheel (Vintage 1/2, Solid, Clean), Leakage Level, Key Click, Vibrato and Chorus (V-1/2/3, C-1/2/3), Percussion (Second/Third/Soft/Slow), AMP simulator (Type I, Type II, Type III, Type IV), Overdrive, Tone, Reverb (Room, Hall, Church, Spring, Reverb Level), D Beam (Crescendo, Rotary Speed, Ring Modulator, Tone Wheel Brake, Spring Shock) ● **Orchestral Tones** Tones: Upper (Strings, Large Choir, Gospel Choir, Synth Pad, Brass, Wood Winds, Jazz Scat, Accordion), Lower (Piano, E.Piano 1/2, Clavi, Vibes, Harpsichord, A.Bass, E.Bass), Pedal (Piano, E.Piano 1/2, Clavi, Vibes, Harpsichord, A.Bass, E.Bass), Effect: (Chorus, Reverb) ● **Internal Memory** Preset memory: 64 (User Memory) ● **Connectors** Input (L/Mono, R) (1/4" phone type), Mix Output (L, R) (XLR 3-32 type), Mix Output (L/Mono, R) (1/4" TRS phone type), Organ Output (L/Mono, R) (1/4" TRS phone type), Orchestral Output (L/Mono, R) (1/4" TRS phone type), Headphones (Stereo 1/4" phone type), Expression Pedal, Hold Pedal, Control Pedal 1/2, MIDI (In, Pedal In, Out), PK In, Rotary Tone Cabinet Connector, AC Inlet ● **Power Consumption** 55W (AC 117/230/240 V) ● **Finish** Top Panel: Simulated Walnut, Side Panel: Natural Wood Walnut ● **Dimensions** 1,184 (W) x 590 (D) x 199 (H) mm (46-5/8" x 23-1/4" x 7-7/8") <incl. the music rest + organ stand (KS-88)> 1,184 (W) x 590 (D) x 1,130 (H) mm (46-5/8" x 23-1/4" x 44-1/2") ● **Weight** VK-88: 39 kg (86 lbs.), KS-88: 23 kg (50 lbs. 12 oz.), BNC-88: 20 kg (44 lbs. 2 oz.), RKS-88: 9 kg (19 lbs. 14 oz.) ● **Accessories** Music Rest, Rear cover, Screw set, Cord Clamp, PK Cable

**VK-88 shown with music rest (included), optional KS-88 organ stand, PK-25 pedalboard, and BNC-88 organ bench.*

VK-8 COSM
Combo Organ

- *61-key single manual combo organ with enhanced Virtual ToneWheel technology*
- *Velocity-sensitive keys use traditional "waterfall" design—great for glissandos*
- *Sophisticated rotary speaker modeling with overdrive effect based on COSM®*
- *Intuitive panel layout with 9 harmonic bars, new Vibrato/Chorus knob and Percussion button*
- *D Beam controller with Preset templates for more expressive performance*
- *New Other Tones for a wider sonic palette (e.g. piano, strings, choir, etc.)*
- *2 MIDI inputs for connecting a MIDI keyboard and optional PK-7 pedalboard — enjoy full polyphony while playing pedals and keys!*
- *Authentic solid wood cabinet and vintage keys*

Specifications

● **Manual** 61 keys (Waterfall keyboard with velocity) ● **Sound Generator** Organ: Virtual ToneWheel, Other Tones: PCM ● **Part** Organ: 3 (Upper/Lower/Pedal), Other Tones ● **Max. Polyphony** Organ: Full Polyphony, Other Tones: 64 voices ● **Organ** Tone wheel (VINTAGE 1, VINTAGE 2, CLEAN), Leakage Level, Vibrato and Chorus (V-1, V-2, V-3, C-1, C-2, C-3), Percussion (SECOND, THIRD, SOFT, SLOW), AMP simulator (TYPE I, TYPE II, TYPE III, TYPE IV), Overdrive, Tone, Reverb (ROOM, HALL, CHURCH, SPRING, Reverb Level), D Beam (CRESCENDO, ROTARY SPEED, RING MODULATOR, TONE WHEEL BRAKE, SPRING SHOCK) ● **OTHER TONES** PIANO, ELECTRIC PIANO 1, ELECTRIC PIANO 2, STRINGS, JAZZ SCAT, CHOIR, SYNTH, BRASS, Effect: Chorus, Reverb ● **Internal Memory** Preset memory: 64 (User Memory) ● **Connectors** Output (L/Mono, R): 1/4" TRS phone type, Headphones: Stereo 1/4" phone type, Expression Pedal, Hold Pedal, Control Pedal, MIDI (Keyboard In, Pedal In, Out), Rotary Tone Cabinet, AC Inlet ● **Power Consumption** 15W (AC 117/230/240 V) ● **Finish** Top Panel: Simulated Walnut, Side Panel: Natural Wood Walnut ● **Dimensions** 1,160 (W) x 344 (D) x 109 (H) mm (45-11/16" x 13-9/16" x 4-5/16") ● **Weight** 14.5 kg (32 lbs.) ● **Accessory** Power cord

VK-8M COSM
Organ Module

- *Tabletop organ module with acclaimed "Virtual ToneWheel" sound*
- *4 COSM® amp types with overdrive, plus rotary modeling and reverb*
- *9 harmonic bars for a range of authentic organ tones*
- *Line input for blending in an external sound*
- *Active Expression lets players fade in external sounds via pedal*
- *Easy realtime control via D Beam controller with multi-colored LED*

**By purchasing the optional BKT-8 Bracket Kit, you can mount the VK-8M on Roland's PDS-15 Stand for easy access on stage or in the home studio.*

Specifications

● **Sound Generator** Virtual Tonewheel ● **Parts** 3 (Upper/Lower/Pedal) ● **Max. Polyphony** Full Polyphony ● **Organ** <Tone Wheel> Vintage 1/ 2, Clean, Leakage Level <Vibrato and Chorus> V1/2/3, C1/2/3 <Percussion> Second, Third, Soft, Slow <AMP Simulator> TYPE I, TYPE II, TYPE III, TYPE IV, Overdrive, Tone, <Reverb> Room, Hall, Church, Spring, Reverb Level, <D BEAM> Crescendo, Rotary Speed, Ring Modulator, Tone Wheel Brake, Spring Shock, Glissando ● **Internal Memory** Registration memory: 36 (User Memory) ● **Connectors** Output (L/Mono, R) (1/4" phone type), Input (L/Mono, R) (1/4" phone type), Headphones (Stereo miniature phone type), Expression Pedal, MIDI (In, Out), AC Adaptor (DC 9 V) ● **Power Supply** AC Adaptor (PSB-1U) ● **Finish** Side Panel: Natural Wood Walnut Finish ● **Dimensions** 233 (W) x 275 (D) x 77 (H) mm (9-3/16" x 10-7/8" x 3-1/16") ● **Weight** 1.7 kg (3 lbs. 12 oz.) ● **Accessories** Edit Mode Quick Reference, AC Adaptor, Power cord

RKS-88
External Speaker Rack Kit (for VK-88)

KS-12
Keyboard Stand

■ KS-12 (for VK-8)

**Optional KS-88 Organ Stand for VK-88 shown on Page 8.*

PK-25
25-Key Pedalboard

- *No-compromise 25-key pedalboard designed for the VK-88/77/8/7 and other combo organs*
- *Onboard expression pedal and damper pedal*
- *2 footswitches for controlling Rotary fast/slow, Rotary Brake operation, and parameter data like Seq. Start/Stop, Preset Up/Down, Orch. Glide, etc.*

Specifications

● **Pedalboard** 25 keys ● **Control** Expression Pedal, Foot Switch-L/R, Damper (Hold) Switch, Power Switch ● **Connectors** PK Output, MIDI Out, Hold Output, Expression Output, Foot SW-out (L, R) ● **Power Supply** DC 9 V: AC Adaptor, or Supplied from VK-Series via dedicated cable ● **Dimensions** 1,068 (W) x 887 (D) x 278 (H) mm (42-1/16" x 34-15/16" x 10-7/8") ● **Weight** 29.1 kg (64 lbs. 3 oz.) ● **Accessories** AC Adaptor, PK connector's cable

PK-7
20-Key Pedalboard

Specifications

● **Pedalboard** 20 keys ● **Control** Expression Pedal, Foot Switch-L/R, Damper (Hold) Switch, Power Switch ● **Connectors** PK Out, MIDI (In, Out), HOLD Out, Expression Out, Footswitch Out (L, R) ● **Power Supply** DC 9 V: AC Adaptor or supplied from VK-Series via dedicated cable ● **Dimensions** 905 (W) x 492 (D) x 264 (H) mm (35-11/16" x 19-3/8" x 10-7/16") ● **Weight** 15.7 kg (34 lbs. 10 oz.) ● **Accessories** AC Adaptor, PK connector's cable

PK-5A
Dynamic MIDI Pedal

Specifications

● **Pedalboard** 13 keys (with velocity, polyphonic/monophonic) ● **Connectors** AC Adaptor, MIDI (In, Out, Thru) ● **Dimensions** 425 (W) x 560 (D) x 120 (H) mm (16-3/4" x 22-1/16" x 4-3/4") ● **Weight** 8 kg (17 lbs. 10 oz.)

EV-7/5
Expression Pedals

■ EV-7 ■ EV-5

Specifications

[EV-7] ● **Controls/Connectors** Main Volume Pedal, Minimum Volume Knob, Stereo Plug Cord (2 m) ● **Dimensions** 138 (W) x 298 (D) x 98 (H) mm (5-7/16" x 11-3/4" x 3-7/8") ● **Weight** 1.2 kg (2 lbs. 11 oz.) ● **Accessory** Rubber Feet x 2

[EV-5] ● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g (14 oz.)

MC-909

COSM V-LINK

sampling groovebox

- *Flagship dance music workstation with 64-voice synth engine, CD-quality sampler, 16-track sequencer, effects, and USB*
- *16MB sample memory (expandable up to 272MB) — plus Chop, Timestretch, Normalize, and Wave Edit functions*
- *Hundreds of new waveforms, Patches, and Rhythm Sets with SRX expansion*
- *Dedicated mastering effect, reverb, and compressor, plus 2 MFX processors*
- *USB port for .WAV/AIFF/SMF/BMP file transfer; optional SmartMedia storage**
- *S/PDIF digital I/O for sampling and connection to digital gear*
- *Professional MIDI sequencing with velocity-sensitive pads and hundreds of new Preset patterns*
- *Intuitive interface with large LCD, Part Mixer, and realtime controllers including Turntable Emulation for audio and MIDI*
- *New V-LINK function** for integrating audio and video in performance*

** Recommended file types for backup via USB:*
Audio file → (WAV/AIFF)
Song/Pattern → (SMF: format 0,1)
Bitmap file → (BMP: 320 x 240 pixels)

*** V-LINK requires Edirol video equipment (sold separately).*

1 SRX USB SmartMedia 3.3V

Specifications

[Sound Generator] ● **Max. Polyphony** 64 ● **Sampling Frequency** 44.1kHz ● **Parts** 16 (Main) + 16 (RPS) ● **Waves** 693 ● **Patches** (Preset/800, User/256, Card/256) ● **Rhythm Set** (Preset/72, User/128, Card/128) **[Sampling]** ● **Data Format** 16-bit linear (File Type: WAV/AIFF) ● **Max. Polyphony** 64 ● **Sampling Frequency** 44.1kHz ● **Max. Sampling Time** Internal memory (16MB) only = mono: 180 sec. approx. (stereo 90 sec. approx.), with DIMM (256MB) = mono: 51 min. approx. (stereo 25.5 min. approx.) ● **Samples** User/2,000, Card/7,000 (128MB SmartMedia) **[Sequencer]** ● **Parts** 16 + Tempo/Mute Control ● **Resolution** 480 ticks per quarter note ● **Tempo** 5 to 300 bpm ● **Patterns** Preset 215, RPS 440, User 200, Card 999 ● **Rec. Mode** Realtime, TR-REC, Step ● **Songs** 50 ● **Arpeggio Style** Preset/User 128 ● **Chord Memory** Preset 64, User 128 ● **RPS Set** 50 ● **Pattern set** 50 **[Effects]** ● **Reverb** 1 (4 types), Compressor 1 (1 type), Multi-effects 2 (MFX1: 38 types, MFX2: 47 types) ● **Pitch Shifter** (for external input) 1 **[Mastering]** ● **3-band Compressor** 1 **[Expansion Slot]** ● **Wave Expansion Board SRX Series** 1 slot ● **DIMM** 1 slot (Number of pins = 168-pin, Speed = 100MHz (PC100 CL = 2), 133MHz (PC133 CL = 3), Voltage = 3.3 V, Capacity = 128/256MB, Board height 38 mm or less) ● **External Memory** SmartMedia Card 1 slot = 8/16/32/64/128MB (3.3 V) ● **Display** QVGA LCD, BPM Display: 7 segment 4 character (LED) ● **Connectors** MIX Output (L/Mono, R), Direct 1, 2 Output (L/Mono, R), Input (L/Mono, R), Headphones, MIDI (In, Out), USB Connector, Digital Audio Interface IN/OUT (Optical, Coaxial), AC Inlet ● **Power Consumption** 20W (AC 117/230/240 V) ● **Dimensions** 491 (W) x 386 (D) x 123 (H) mm (19-3/8" x 15-1/4" x 4-7/8") ● **Weight** 6.0 kg (13 lbs. 4 oz.) ● **Accessories** Sample Data Audio CD, Card Protecter ● **Option** Wave Expansion Board: SRX Series

MV-8000

Version 3.0

Production Studio

Roland Sound Space

COSM V-LINK

R-BUS

** R-BUS port is available when the MV-8000 is equipped with the optional MV8-OP1 Audio I/O Expansion.*

- *Pattern-based composing mode now added*
- *Drum Grid for easy rhythm composing*
- *Powerful analog-modeling synth bass onboard*
- *Pattern-Play mode for spontaneous live performance*
- *Enhanced editing screens for MIDI and audio tracks*
- *Pix Jam feature for triggering custom graphics from the pads, or for sequencing graphics in time with music*

USB

Specifications

● **Max. Polyphony** 64 ● **Parts** 16 (Patches) + 8 (Audio Tracks) + 1 (Audio Phrases) **[Sampler Section]** ● **Audio Data Format** 16-bit linear (24-bit processing) ● **Sampling Frequency** 44.1kHz (fixed) ● **Wave Memory (RAM)** 128MB (expandable up to 512MB when internal memory is replaced with a 512MB DIMM), DIMM: 1 slot (168 pins, PC100 CL=2 or PC133 CL=3, 3.3 V, 128/256/512MB) ● **Max. Sampling Time** 128MB DIMM installed (standard), mono: 24 min. approx. (stereo:12 min. approx.), 512MB DIMM installed (expanded), mono: 100 min. approx. (stereo: 50 min. approx.) ● **Effects** Multi-effects (MFX): 1 (25 types), Reverb: 1 (4 types), Chorus: 1 (2 types), Mastering Tool Kit: 1 (only in Mastering Mode) **[Sequencer Section]** ● **Liner Tracks** MIDI tracks: 128 (1 MIDI channel per track), Audio tracks: 8, Pattern track: 1, Tempo track: 1 ● **Pattern Tracks** MIDI tracks: 64 (1 MIDI channel per track), Audio track: 1 ● **Resolution** 480 TPQN ● **Tempo** 5 – 300 ● **Note Capacity** approx. 150,000 notes ● **Song Length** 9,999 measures ● **Pattern Length** 999 measures ● **Recording Method** Event recording (Realtime / Step), Audio recording **[Others]** ● **Project** Songs: 16, Patterns: 500, Patches: 16 (per Song), Partials: 96 (16 pads x 6 banks, per Patch), Samples: 9,999, Audio Phrases: 512 (16 pads x 32 banks), Patch Libraries: 128, MIDI Clips: 100, Multi-effects (MFX) Libraries: 131 (Preset 31, User 100), Chorus Libraries: 52 (Preset 2, User 50), Reverb Libraries: 54 (Preset 4, User 50), Mastering Tool Kit Libraries: 71 (Preset 21, User 50), Pix: 16 ● **Signal Processing** AD Conversion: 24-bit, 64 times oversampling, DA Conversion: 24-bit, 128 times oversampling ● **Display** 320 x 240 dots, graphic LCD (backlit) ● **Pads** 16 Pads (Velocity and Aftertouch sensitive) ● **Controllers** Effects control knobs: C1 - C3, Mixer sliders: 1 - 8 ● **Floppy Disk Drive** 3.5" Micro Floppy Disk 1.44MB (2HD), 720KB (2DD) ● **Hard Disk Drive** 3.5", 40GB ● **CD-R/RW Drive** Built-in type (CD-DA, CD-ROM, CD-R, CD-RW) ● **Connectors** Phono Input: L, R (RCA phono type), MIC/Line input: L, R (1/4" TRS phone type), Master Output: L, R (1/4" TRS phone type), Headphones (Stereo 1/4" phone type), Digital Out Connector A (Coaxial) / B (Optical), MIDI (In, Out A, Out B), USB Connector (supports file transfer, mass storage class), Foot Switch (1/4" phone type), AC Inlet, *The following are available when the optional MV8-OP1 Audio I/O Expansion is installed: Analog Multi Output 1 – 6 (1/4" TRS phone type), Digital In Connector A (Coaxial) / B (Optical), R-BUS Connector (DB-25 type) ● **Power Consumption** 40W (AC 117/230/240 V) ● **Dimensions** 480 (W) x 482 (D) x 136 (H) mm (18-15/16" x 19" x 5-3/8") ● **Weight** 9.8 kg (21 lbs. 10 oz.) ● **Accessories** Mixer Block Diagram, Sample Data CD-ROM, Backup CD-ROM, Shortcut Stickers, Short Pin ● **Options** Audio I/O Expansion (MV8-OP1), VGA/Mouse Expansion (MV8-VGA), Foot Switch (FS-5U), Pedal Switch (DP-2) **The specifications are subject to change without notice.*

● Options

MV8-OP1

R-BUS

Audio I/O Expansion

MV8-VGA

MV-8000 VGA/Mouse Expansion

■ **Components**

- VGA/Mouse Output Board
- PS/2 Mouse
- Software CD-ROM
- Owner's Manual

** The external VGA display is sold separately.*

● Media and File Format Compatibility

Import		Export	
from CD-R/RW Drive	Audio, .WAV/AIFF, ACIDized file, S-700 (SAMPLE, PARTIAL, PATCH), AKAI MPC2000 (PROGRAM, SOUND), AKAI S1000/3000 (PROGRAM, SAMPLE), SMF (Format 0/1), .BMP/JPEG, MV-8000 Patch, MV-8000 Project (Backup data)	**to CD-R/RW Drive***	Audio, MV-8000 PROJECT (Backup data)
from PC/Mac via USB (or Floppy Disk)	.WAV/AIFF, ACIDized file, AKAI MPC2000 (PROGRAM, SOUND), ACIDized wave file, SMF (Format 0/1), .BMP/JPEG, MV-8000 Patch	**to PC/Mac via USB**	MV-8000 Sample/Audio Phrase in .WAV/AIFF, MV-8000 Song/Pattern in SMF (Format 1), MV-8000 Patch, MV-8000 Project (Only to PC/Mac via USB)

**CD-R/RW discs only.*

SP-606

COSM V-LINK

Sampling Workstation

- *4 x 4 velocity sensitive pads for rhythm programming and phrase audio operation*
- *Enhanced effects, including Isolator, Filter + Drive, Slicer, Reverb, Tape Echo, and a Mastering toolkit*
- *Unique control over performance and playback via D Beam and V-LINK*
- *CompactFlash slot for storing audio samples, and import/export of WAV/AIFF files (up to 512MB capacity)*
- *USB connection allows MIDI data/bulk dump and audio streaming storage capabilities*
- *4-track sequencer with up to 18,000-note capacity, MIDI sequencing, and audio-phrase time stretching*
- *S/PDIF I/O for high-quality recording and track making with digital equipment*
- *P606 contains virtual groovebox software with analog modeling and Acidized file player*

● Maximum Sampling Time (mono, approx.)

	Internal Memory*	CompactFlash				
		32MB	64MB	128MB	256MB	512MB
LONG	11 min	24 min.	48 min.	96 min.	193 min.	386 min.
STANDARD	5 min.	12 min.	24 min.	48 min.	96 min.	193 min.

*Including pre-loaded samples.

CF CompactFlash USB

Specifications

● **Polyphony** 8 **[Sampler Section]** ● **Sampling Mode** STANDARD/LONG ● **Sampling specifications** Sampling Frequency: 44.1kHz, Data Format: SP-606 original format (.WAV/AIFF import/export possible), Internal Memory: Sample 128 (8 Banks) **Including Pre-loaded Sample Banks* Card Memory: Sample 384 (24 Banks) **[Effects Section]** ● **MFX** 45 types x 2 ● **Mastering Effect** 1 **[Sequencer Section]** ● **Mode** Pattern, Song ● **Tracks** 4 ● **Resolution** 96TPQN ● **Song Steps** 999 ● **Songs** 25 ● **Patterns** 140 (Including Pre-loaded Patterns) ● **Max measures per Pattern** 32 ● **Beats** 2/4-32/4 ● **Pattern recording method** Realtime, Step Recording (Note/Sample) ● **Max. Recordable Notes** Approximately 18,000 notes (Approx. 8,000 per Pattern) **[Others]** ● **Display** 128 x 64 dots (Backlit graphic LCD) ● **Controllers** Control Knobs x 3, D Beam ● **Pads** 16 with velocity sensitivity ● **Connectors** Headphone jacks, Output jacks (L(MONO), R), Input jacks (L(MONO)/MIC, R) Foot switch jack, Digital audio interfaces IN/OUT (Coaxial), MIDI connectors IN/OUT, USB connector (compatible with MIDI, audio and mass storage class), AC adaptor jack ● **Dimensions** 358 (W) x 271 (D) x 84 (H) mm (14-1/8" x 10-11/16" x 3-5/16") ● **Weight** 2.3 kg (5 lbs. 2 oz.) ● **Minimal System Requirements for the P606 Software** Microsoft® Windows® 2000/XP, Pentium®-class (Pentium® 4 1.7GHz recommended), 256MB RAM (512MB recommended), Video Resolution XGA (1024 x 768), USB Port, CD-ROM required for installation, 500MB Hard Disk

● Cakewalk P606

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Kyoto Software Research Fugue

SP-404

NEW

Sampler

- *12 large pads, three control knobs, jumbo display, same friendly operation as SP-303*
- *29 effects, including new Subsonic, BPM Looper, and more*
- *Built-in microphone for quick sampling*
- *CD-quality sound*
- *Expanded sampling time*
- *12-voice polyphony*
- *Realtime loop recording*
- *Sample-editing tools*
- *Import/export WAV/AIF via CompactFlash card slot; supports up to 1GB card*
- *Runs on battery or AC power*

● Maximum Sampling Time (mono, approx.)

	Internal Memory*	CompactFlash					
		32MB	64MB	128MB	256MB	512MB	1GB
STANDARD	5 min.	12 min.	24 min.	48 min.	96 min.	193 min.	386 min.
LO-FI	11 min.	24 min.	48 min.	96 min.	193 min.	386 min.	772 min.

*Including pre-loaded samples.

CF CompactFlash

Specifications

● **Max. Polyphony** 12 voices ● **Internal Memory** Samples: 24 (12 samples x 2 banks) **Including Pre-loaded Samples* Patterns: 24 (12 patterns x 2 banks) **Including Pre-loaded Patterns* ● **Memory Card (CompactFlash)** Samples: 96 (12 samples x 8 banks), Patterns: 96 (12 patterns x 8 banks) ● **Sampling Frequency** 44.1kHz ● **Data Format** SP-404 original format (WAV/AIFF import/export possible) ● **Sampling Mode** STANDARD, LO-FI ● **Pattern Sequencer** Maximum recordable notes: Internal Memory: Approx. 8,000 notes, **Including Pre-loaded Patterns* Memory Card (CompactFlash): Approx. 8,000 notes, Resolution: 96 ticks per quarter note, Pattern Length: 1 – 99 measures, Recording method: Realtime Loop Recording (with quantize function) ● **Effects** 29 types ● **Signal Processing** AD Conversion: 24-bits, DA Conversion: 24-bits ● **Display** 7 segments, 3 characters (LED) ● **Onboard Mic** Mono x 1 ● **Connectors** LINE INPUT Jacks (L, R) (RCA phono type), LINE OUTPUT Jacks (L, R) (RCA phono type), Headphones (PHONES) Jack (Stereo 1/4" phone type), MIC Jack (1/4" phone type), MIDI IN Connector, AC Adaptor Jack, Memory Card Slot (CompactFlash) ● **Power Supply** DC 9 V (Dry battery LR6 (AA) type x 6 or AC Adaptor) ● **Expected battery life under continuous use:** Alkaline: 6 hours **These figures will vary depending on the actual conditions of use.* ● **Current Draw** 300 mA ● **Dimensions** 177.6 (W) x 256.7 (D) x 72.1 (H) mm (7" x 10-1/8" x 2-7/8") ● **Weight** 1.3 kg (2 lbs. 14 oz.) (excl. batteries) ● **Accessories** AC Adaptor, Owner's Manual ● **Option** Carring Bag: CB-SP404

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Kyoto Software Research Fugue

V-Pro® Series

V-Drums®

■ Components

• TD-20K-BK (black)

TD-20	Percussion Sound Module x 1
PD-125BK	V-Pad x 3
PD-105BK	V-Pad x 2
VH-12	V-Hi-Hat x 1
CY-14C	V-Cymbal Crash x 2
CY-15R	V-Cymbal Ride x 1
KD-120BK	V-Kick Trigger Pad x 1
• MDS-20BK	Drum Stand x 1

• TD-20K-WT (white)

TD-20	Percussion Sound Module x 1
PD-125WT	V-Pad x 3
PD-105WT	V-Pad x 2
VH-12	V-Hi-Hat x 1
CY-14C	V-Cymbal Crash x 2
CY-15R	V-Cymbal Ride x 1
KD-120WT	V-Kick Trigger Pad x 1
• MDS-20BK	Drum Stand x 1

■ TD-20K-WT

*Drum stand, snare stand, hi-hat stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

V-Stage® Series

V-Drums®

■ Components

• TD-12K-BK (black)

TD-12	Percussion Sound Module x 1
PD-105BK	V-Pad x 1
PD-85BK	V-Pad x 3
VH-11	V-Hi-Hat x 1
CY-12R/C	V-Cymbal Ride/Crash x 2
KD-85BK	V-Kick Trigger Pad x 1
• MDS-12BK	Drum Stand x 1

• TD-12K-WT (white)

TD-12	Percussion Sound Module x 1
PD-105WT	V-Pad x 1
PD-85WT	V-Pad x 3
VH-11	V-Hi-Hat x 1
CY-12R/C	V-Cymbal Ride/Crash x 2
KD-85WT	V-Kick Trigger Pad x 1
• MDS-12BK	Drum Stand x 1

■ TD-12K-BK

*Drum stand, hi-hat stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.

V-Tour® Series

V-Drums®

■ Components

• TD-6KV

TD-6V	Percussion Sound Module x 1
PD-85BK	V-Pad (for Snare) x 1
PD-8	Dual-Trigger Pad x 4
CY-8	Dual-Trigger Cymbal Pad x 2
KD-8	Kick Trigger Pad x 1
FD-8	Hi-Hat Control Pedal x 1
• MDS-3C	Drum Stand x 1

*Drum stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes

V-Compact® Series

V-Drums®

■ Components

• TD-3KV

TD-3	Percussion Sound Module x 1
PD-85BK	V-Pad (for Snare) x 1
PD-8	Dual-Trigger Pad x 4
CY-8	Dual-Trigger Cymbal Pad x 2
KD-8	Kick Trigger Pad x 1
FD-8	Hi-Hat Control Pedal x 1
• MDS-3C	Drum Stand x 1

• TD-3Kit

TD-3	Percussion Sound Module x 1
PD-8	Dual-Trigger Pad x 4
CY-8	Dual-Trigger Cymbal Pad x 2
KD-8	Kick Trigger Pad x 1
FD-8	Hi-Hat Control Pedal x 1
• MDS-3C	Drum Stand x 1

■ TD-3KV

*Drum stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes

TD-20
Percussion Sound Module

COSM V-LINK V-Drums®

- *Over 500 new sounds, improved dynamics and sensitivity*
- *CompactFlash storage slot*
- *15 dual-trigger inputs, 10 audio outputs, digital output, 8 group faders, built-in sequencer*
- *All-new V-Editing includes modeled snare buzz, kick beater selection, and greater cymbal customizing (e.g. size, "sizzle," mic positions)*
- *Expansion slot for future upgrades and enhancements*
- *V-LINK control (requires optional Edirol DV-7PR with software version 1.50 or higher)*

CF CompactFlash

Specifications

● **Sound Generator** Variable Drum Modeling ● **Max. Polyphony** 64 voices ● **Instruments** Drum Instruments: 560 (1,300,021 variations), Backing Instruments: 262 ● **Drum Kits** 50 ● **Drum Kit Chains** 16 chains (32 steps per chain) ● **Instrument Parameters** V-EDIT: Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, Snare Buzz Level, Beater Type, Cymbal Size, Sizzle (cymbal), Tambourine (hi-hat), Mic Position, EDIT: Pitch, Decay ● **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape ● **Mixer Parameters** Volume, Pan, Minimum Volume, Output Assign ● **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects, Master Compressor, Master Equalizer, Reverb/Chorus (for backing part) ● **Percussion Groups** 8 ● **Sequencer** User Patterns: 100, Parts: 6, Play Functions: Oneshot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Real-time, Maximum Note Storage: approx. 20,000 Notes, Click Instruments: 20 ● **Display** 64 x 240 dots (backlit graphic LCD), 8 segments, 3 characters (LED), Trigger Level Indicator (LED) ● **Faders** 8 ● **Preview Button** Touch Sensitive ● **Connectors** Trigger Input Jacks x 15, Hi-Hat Control Jack (VH-12, FD-7/8), Master Output Jacks (L(MONO), R), Direct Output Jacks x 8, Digital Output Jack (S/PDIF COAXIAL), Phones Jack (Stereo 1/4" phone type), Mix in Jack (Stereo 1/4" phone type), MIDI Connectors (IN, OUT/THRU), Foot Switch Jack (1/4" TRS phone type), CompactFlash Card Slot ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC 117/230/240 V ● **Current Draw** 16W ● **Dimensions** 307 (W) x 256 (D) x 105 (H) mm (12-1/8" x 10-1/8" x 4-3/16") ● **Weight** 2.9 kg (6 lbs. 7 oz.) ● **Accessories** Owner's Manual, Power Cable ● **Options** Pads (PD-8, PD-85BK/WT, PD-105BK/WT, PD-125BK/WT), Cymbals (CY-8, CY-12R/C, CY-14C, CY-15R), Kick Triggers (KD-7, KD-8, KD-85BK/WT , KD-120BK/WT), Hi-Hat (VH-12, VH-11), Hi-Hat Control Pedal (FD-8), Stands (MDS-20BK), Cymbal Mount (MDY-10U), Pad Mount (MDH-10U)

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*

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TD-12
Percussion Sound Module

COSM V-LINK V-Drums®

- *COSM®-modeling drum module with ultra-intuitive operation via large LCD*
- *Same great sound quality as top-of-the-line TD-20*
- *Unbeatable Sounds with expressive acoustic kits, fun tap-sequence kits, and plenty of jam-along patterns*
- *Unrivaled V-Editing including drum material modeling and size selection*

Specifications

● **Sound Generator** Variable Drum Modeling ● **Max. Polyphony** 64 Voices ● **Instruments** Drum Instruments: 560 (172,161 variations), Backing Instruments: 262 ● **Drum Kits** 50 ● **Drum Kit Chains** 16 chains (32 steps per chain) ● **Instrument Parameters** V-EDIT (KICK): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, V-EDIT (TOM): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (HI-HAT): Cymbal Size, Fixed Hi-Hat, V-EDIT (CYMBAL): Cymbal Size, Sizzle Type, Sustain, EDIT: Pitch, Decay ● **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape ● **Mixer Parameters** Volume, Pan, Minimum Volume, Output Assign ● **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects: 5 types, Reverb (for backing part) ● **Percussion Sets** 8 ● **Sequencer** User Patterns: 100, Preset Patterns: 150, Parts: 6, Play Types: Oneshot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Realtime, Maximum Note Storage: approx. 20,000 notes, Click Sounds: 20 types ● **Metronome Parameters** Time signature, Interval, Volume, Output select (Master and Phones/Phones only) Click Instruments=20 (Voice counting, Click, Cowbell, etc.) ● **Tempo** 20—260 ● **Display** 64 x 240 dots (backlit graphic LCD), 7 segments, 3 characters (LED), Trigger Indicator (LED) ● **Controllers** Faders: 6, Preview Button: (velocity: 3 steps) ● **Connectors** Trigger Input Jack x 12, Hi-Hat Control Jack (for VH-12, VH-11 and FD-8), Master Output Jacks (L/MONO, R): 1/4" phone type, Direct Output Jacks (1, 2): 1/4" phone type, Headphones Jack: Stereo 1/4" phone type, Mix in Jack: Stereo 1/4" phone type, MIDI Connectors (IN, OUT/THRU), AC Inlet ● **Output Impedance** 1.0 k ohms ● **Power Supply** AC 115/117/220/ 230/240 V (50/60 Hz) ● **Power Consumption** 13W ● **Dimensions** 260 (W) x 248 (D) x 108 (H) mm (10-1/4" x 9-13/16" x 4-1/4" ● **Weight** 2.6 kg (5 lbs. 12 oz.) ● **Accessories** Owner's Manual, Power Cord ● **Options** Pads (PD-8, PD-85BK/WT, PD-105BK/WT, PD-125BK/WT), Cymbals (CY-8, CY-12R/C, CY-14C, CY-15R), Kick Triggers (KD-7, KD-8, KD-85BK/WT, KD-120BK/WT), Hi-Hats (VH-11, VH-12), Hi-Hat Control Pedal (FD-8), Stands (MDS-12BK, MDS-20BK), Cymbal Mount (MDY-10U), Pad Mount (MDH-10U)

** The TD-20's file system is developed by Kyoto Software Research, Inc.*
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Kyoto Software Research Fugue

TD-6V
Percussion Sound Module

V-Drums®

- *1,024 of Roland's best drum and percussion sounds, 262 backing instruments, and newly created drum kits and patterns*
- *Dual-trigger tom inputs allow for rimshots on toms*
- *Create and store custom drum kits, or add EQ and ambience effects to beef up the sound.*
- *6-part sequencer that's great for jamming and practice*

GENERAL MIDI

Specifications

● **Max. Polyphony** 64 Voices ● **Instruments** Drum Instruments: 1,024, Backing Instruments: 262 ● **Drum Kits** 99 ● **Effect Types** Ambience, 2-Band Master Equalizer ● **Sequencer** Preset Songs: 170, User Songs: 100, Parts: 6, Play Functions: One shot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Realtime Recording, Maximum Note Storage: approx. 12,000 Notes ● **Display** 20 characters, 2 lines (backlit LCD) ● **Connectors** Trigger Input Jacks: 9 (11 Inputs), Hi-Hat Control Jack, Output Jacks (L/MONO, R), Phones Jack (stereo miniature phone type), Mix in Jack (stereo miniature phone type), MIDI Connectors (IN, OUT/THRU) ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC Adaptor (DC 9 V) ● **Current Draw** 1,000 mA ● **Dimensions** 266 (W) x 199 (D) x 75 (H) mm (10-1/2" x 7-7/8" x 3") ● **Weight** 1.1 kg (2 lbs. 7 oz.) (excl. AC Adaptor) ● **Accessories** Owner's Manual, AC Adaptor (ACI/ACB Series), Screws (M5 x 8) x 4

TD-3
Percussion Sound Module

V-Drums®

- *114 new drum and percussion sounds, 32 kits*
- *Separate head/rim triggering on the snare, bow/edge triggering on the hi-hat*
- *Nine trigger inputs*
- *Stereo Mix input for playing along with external audio sources*
- *Rhythm Coach training feature*
- *MIDI in and out*

Specifications

● **Instruments** Drum Instruments: 114, Click Instruments: 10 ● **Drum Kits** 32 ● **Effect** Ambience (15 types) ● **Click Tempo** 20—260 ● **Coach Mode** Menu: 7, Variation: 20 ● **Display** 7 segments, 3 characters (LED) ● **Connectors** Trigger Input Jack x 9, Hi-Hat Control Jack, Output Jacks (L/MONO, R), Phones Jack (stereo phone type), Mix In Jack (stereo miniature phone type), MIDI Connectors (IN, OUT) ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC Adaptor (DC 9 V) ● **Current Draw** 1,000 mA ● **Dimensions** 220 (W) x 144 (D) x 59.5 (H) mm (8-11/16" x 5-11/16" x 2-3/8") ● **Weight** 550 g (1 lb. 4 oz.) (excl. AC Adaptor) ● **Accessories** Owner's Manual, AC Adaptor (ACI/ACB Series), Screws (M5 x 8) x 4

PD-125BK/WT
PD-105BK/WT
V-Pads™

■ PD-125WT ■ PD-105WT

Specifications

[PD-125 (12")] ● **Trigger** 2 (Head, Rim) ● **Dimensions** 330 (W) x 420 (D) x 112 (H) mm (13" x 16-9/16" x 4-7/16") ● **Weights** 2.8 kg (6 lbs. 3 oz.) ● **Accessories** Owner's manual, Connection Cable, Tuning Key ● **Option** Mesh Head (MH-12)
[PD-105 (10")] ● **Trigger** 2 (Head, Rim) ● **Dimensions** 280 (W) x 360 (D) x 112 (H) mm (11-1/16" x 14-3/16" x 4-7/16") ● **Weights** 2.3 kg (5 lbs. 2 oz.) ● **Accessories** Owner's manual, Connection Cable, Tuning Key ● **Option** Mesh Head (MH-10)

PD-85BK/WT
V-Pads™

■ PD-85BK ■ PD-85WT

Specifications

● **Pad size** 8" ● **Triggers** 2 (Head, Rim) ● **Dimensions** 245 (W) x 310 (D) x 95 (H) mm (9-11/16" x 12-1/4" x 3-3/4") ● **Weight** 1.7 kg (3 lbs. 12 oz.) ● **Accessories** Owner's Manual, Connection Cable, Tuning Key ● **Option** Mesh Head (MH-8)

MH-12/10/8
Mesh Replacement Heads

These replacement mesh heads (developed in partnership with REMO® USA) are designed to perfectly fit Roland's full range of V-Pads.

**Available as replacement parts.*

■ MH-12 ■ MH-10 ■ MH-8

KD-120BK/WT
V-Kick Trigger Pad

■ KD-120WT

** Kick Pedal not included.*

Specifications

● **Pad Size** 12" ● **Dimensions** 490 (W) x 400 (D) x 500 (H) mm (19-5/16" x 15-3/4" x 19-11/16") ● **Weight** 7.7 kg (17 lbs.) ● **Accessories** Owner's Manual, Connection Cable, Beater, Tuning Key ● **Option** Mesh Head (MH-12)

KD-85BK/WT
V-Kick Trigger Pad

■ KD-85BK

** Kick Pedal not included.*

Specifications

● **Pad size** 8" ● **Dimensions** 340 (W) x 440 (D) x 465 (H) mm (13-7/16" x 17-3/8" x 18-5/16") ● **Weight** 4.8 kg (10 lbs. 10 oz.) ● **Accessories** Owner's Manual, Connection Cable, Beater, Tuning Key ● **Option** Mesh Head (MH-8)

VH-12
V-Hi-Hat®

- *Two cymbals for full motion capability and natural feel*
- *Mounts on any standard acoustic hi-hat stand*
- *Ultra-expressive response, from open to closed*
- *Pressure sensitive, even with cymbals closed*

** Hi-hat stand not included.*
** Work with the TD-20/12's enhanced dynamics.*

Specifications

● **Size** 12" ● **Trigger** 2 (Bow/Edge) ● **Connectors** TRIGGER OUTPUT Jack, CONTROL OUTPUT Jack ● **Dimensions** 314 mm (W) x 314 mm (D) x 89 mm (H) (12-3/8" x 12-3/8" x 3-9/16") ● **Weight** 1.9 kg (4 lbs. 4 oz.) ● **Accessories** Clutch, Clamp, Holder (3 types), Link Cable, Connection Cable x 2, Tuning Key, Cable Tie

VH-11
V-Hi-Hat®

- *Great full-motion, acoustic hi-hat feel*
- *Floating design uses less components for a quieter performance*
- *Dual-trigger capability*
- *Uses acoustic hi-hat stand*

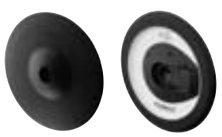
** Hi-hat stand not included.*

Specifications

● **Size** 12" ● **Trigger** 2 (Bow/Edge) ● **Connectors** TRIGGER OUTPUT Jack, CONTROL OUTPUT Jack ● **Dimensions** 314 (W) x 314 (D) x 154 (H) mm (12-3/8" x 12-3/8" x 6-1/16") ● **Weight** 1.7 kg (3 lbs. 12 oz.) ● **Accessories** Owner's Manual, Connection Cable, Tuning Key, Cable Tie, Insulating Plate

CY-12R/C, CY-14C, CY-15R
V-Cymbals®

■ **CY-12R/C** Ride/Crash



Specifications

CY-12R/C (Ride/Crash) ● **Size** 12" ● **Trigger** 3 (Bow/Bell/Edge)* ● **Connectors** BOW/BELL Output Jack, BOW/EDGE Output Jack ● **Dimensions** 300 (W) x 300 (D) x 51 (H) mm (11-13/16" x 11-13/16" x 2-1/16") ● **Weight** 1.1 kg (2 lbs. 7 oz.) ● **Accessories** Owner's Manual, Connection Cable, Wing Nut, Felt Washer, Stopper, Cable Tie

■ **CY-14C** Crash

Specifications

CY-14C (Crash) ● **Size** 14" ● **Trigger** 2 (Bow/Edge) ● **Connector** BOW/EDGE Output Jack ● **Dimensions** 352 (W) x 352 (D) x 48 (H) mm (13-7/8" x 13-7/8" x 1-15/16") ● **Weight** 1.4 kg (3 lbs. 2 oz.) ● **Accessories** Owner's Manual, Wing Nut, Felt Washer, Stopper, Connection Cable, Cable Tie

■ **CY-15R** Ride

Specifications

CY-15R (Ride) ● **Size** 15" ● **Trigger** 3 (Bow/Bell/Edge)* ● **Connectors** BOW/BELL Output Jack, BOW/EDGE Output Jack ● **Dimensions** 376 (W) x 376 (D) x 50 (H) mm (14-13/16" x 14-13/16" x 2") ● **Weight** 1.6 kg (3 lbs. 9 oz.) ● **Accessories** Owner's Manual, Wing Nut, Felt Washer, Stopper, Connection Cable x 2, Cable Tie

** The TD-20, TD-12 or TD-10 + TDW-1 is required for three-way triggering.*

CY-8
Dual Trigger Cymbal Pad

Specifications

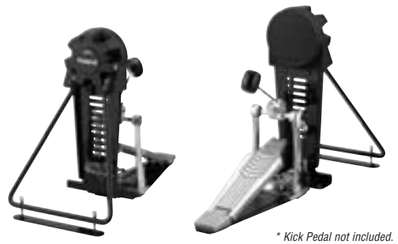
● **Size** 12" ● **Triggers** 2 (Bow, Edge) ● **Dimensions** 290 (W) x 295 (D) x 45 (H) mm (11-7/16" x 11-5/8" x 1-7/8" ● **Weight** 650 g (1 lb. 7 oz.) ● **Accessories** Owner's Manual, Connection Cable, Wing Nut, Felt Washer, Stopper ● **Options** Cymbal Mounts (MDY-10), Drum Stands (MDS-3C, MDS-20)

PD-8
Dual Trigger Pad

Specifications

● **Size** 8.5" ● **Trigger** 2 (Head, Rim) ● **Dimensions** 226 (W) x 280 (D) x 54 (H) mm (8-15/16" x 11-1/16" x 2-1/8") ● **Weight** 1.2 kg (2 lbs. 11 oz.) ● **Accessories** Owner's Manual, Connection Cable ● **Options** Pad Mounts (MDH-10), Drum Stands (MDS-3C, MDS-20)

KD-8
Kick Trigger Pad



** Kick Pedal not included.*
** Kick Pedal and Beater not included.*

Specifications

● **Dimensions** 272 (W) x 260 (D) x 405 (H) mm (10-3/4" x 10-1/4" x 16") ● **Weight** 2.9 kg (6 lbs. 7 oz.) ● **Accessories** Owner's Manual, Connection Cable, Screws

KD-7
Kick Trigger Unit

Specifications

● **Dimensions** 172 (W) x 112 (D) x 100 (H) mm (6-13/16" x 4-7/16" x 3-15/16") ● **Weight** (incl. beater) 1.4 kg (3 lbs. 2 oz.) ● **Accessories** Owner's Manual, Beater, Connection Cable

FD-8
Hi-Hat Controller

Specifications

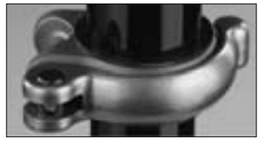
● **Control Out Jack** 1 ● **Dimensions** 130 (W) x 396 (D) x 103 (H) mm (5-1/8" x 15-5/8" x 4-1/16") ● **Weight** 1.3 kg (2 lbs. 14 oz.) ● **Accessories** Owner's Manual, Connection Cable, Tuning Key

DAP-3
V-Drums Accessory Package

■ **Components**

- *Kick Pedal*
- *Drum Throne*
- *Drum Stick*

MDS-20BK
Drum Stand



● Quick-release cam lever

● T-fitting

■ **Components**
- *Drum Stand x 1*
- *Pad Mount x 4*
- *Cymbal Mount x 3*

MDS-12BK
Drum Stand

■ **Components**
- *Drum Stand x 1*
- *Pad Mount x 4*
- *Cymbal Mount x 2*

MDS-3C
Drum Stand

■ **Components**
- *Drum Stand x 1*
- *Pad Mount x 5*
- *Cymbal Mount x 2*

MDH-10U
Pad Mount

MDY-10U
Cymbal Mount

SPD-S
Sampling Pad

- *Compact electronic percussion multi-pad/sound module with CD-quality sampling*
- *Play 8 sounds simultaneously via 6 pads and 3 edge triggers*
- *Approx. 12 minutes of 44.1kHz sampling (3 minutes in Fine mode)*
- *399 User waveforms and 181 "ready-to-play" waveforms pre-loaded into User memory*
- *Onboard pattern sequencer and resampling function*
- *30 multi-effects and ambience add dimension to sounds*
- *Import and export WAV/AIFF files with your Mac or PC using optional CompactFlash cards*

Specifications

CompactFlash

● **Max. Polyphony** 8 ● **Built-in Pads** 9 ● **Sampling Mode** Fine/Standard/Long ● **Sampling Rate** 44.1kHz ● **Patches** 128 ● **Waves** Internal (User): 399 (Pre-loaded Sound 181), Card: 500 ● **Max. Sampling Time** 12 min. approx. (Internal Memory/Long Mode/when in mono) ● **Effects** Multi-Effects (30 types) + Ambience (System) ● **Display** 16-characters, 1 line (backlit LCD) ● **Connectors** Output (L/Mono, R) (1/4" phone type), Input (L/Mono, R) (1/4" phone type) *LINE/MIC selectable, Headphones (Stereo) (Stereo 1/4"phone type), Trigger Input (1/4" TRS phone type), Expression Pedal (1/4" TRS phone type), MIDI (In, Out), Foot Switch (1/4" TRS phone type), CompactFlash Card Slot ● **Power Supply** DC 9 V: AC Adaptor ● **Dimensions** 342 (W) x 282 (D) x 83 (H) mm (13-1/2" x 11-1/8" x 3-5/16") ● **Weight** (excl. AC Adaptor) 2.1 kg (4 lbs. 11 oz.) ● **Accessories** AC Adaptor (ACI-120C/ACI-230C/ACB-230E/ACB-240A), Sampling CD, Slit Tape, Security Screw x 2, Hexagon Wrench ● **Options** Pads (PD-125/105/85/8, KD-120/85/8/7), Expression Pedal (EV-5), Foot Switch (FS-5U), Hi-Hat Control Pedal (FD-8), Connection Cable (PCS-31L), All Purpose Clamp Set (APC-33)

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*

** Roland Corporation is an authorized licensee of the CompactFlash™ and CF logo ( ) trademarks.*

SPD-20
Total Percussion Pad

- *Compact electronic percussion multi-pad/sound module with 700 high-quality drum and percussion sounds*
- *Broad selection of ethnic/world percussion instruments*
- *8 velocity-sensitive pads for expressive triggering and MIDI output*
- *Built-in selectable multi-effects algorithms*
- *Four dual-trigger inputs for triggering SPD-20 sounds from external pads*
- *Can be connected directly to acoustic drum triggers via four drum trigger inputs*

Specifications

● **Max. Polyphony** 14 ● **Number of Instruments** 700 ● **Internal Memory** 99 Patches, 8 Patch Chains ● **Effects** Reverb, Delay, Chorus, Flanger (combined in 25 types) ● **Sound Parameters** Instrument, Level, Pitch, Decay, Pan, Curve, Effect Send Level ● **Display** 7-segment. 3-character LED ● **Connectors** Output (L/Mono, R), Phones (Stereo), External Trigger Input* x 3 (Dual), Hi-Hat Control/Trigger4 Input* (Dual), MIDI (In, Out), Footswitch (Dual), AC In **Trigger inputs 1 and 2 accept rim shots from the FD-8, 85, 105, and 125 while inputs 3 and 4 accept rim shots from the PD-8.* ● **Power Supply** AC Adaptor (AC 12 V) ● **Current Draw** 420 mA ● **Dimensions** 450 (W) x 350 (D) x 70 (H) mm (17-3/4" x 13-13/16" x 2-13/16") ● **Weight** (excl. AC Adaptor) 2.8 kg (6 lbs. 3 oz.) ● **Accessories** AC Adaptor (BRA Series), Slit Tape

** The SPD-S's file system is developed by Kyoto Software Research, Inc.*
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Kyoto Software Research

Fugue

HANDSONIC®
HPD-15
Hand Percussion Pad

- *Electronic hand percussion multi-pad with triggering based on V-Drums® technology*
- *10" rubber pad with 15 parts for triggering up to 15 sounds simultaneously*
- *Built-in pressure sensor allows for realistic muting and pitch control of sounds*
- *Main pad supports Positional Sensing for creating timbre changes depending on area of pad hit*
- *600 onboard percussion sounds from Latin countries, Asia, India, and more*
- *Powerful realtime controllers including a D Beam, dual ribbon controllers, and three control knobs*
- *Built-in sequencer with Preset patterns and metronome function*
- *MIDI In/Out for use with sequencers or as a dynamic MIDI controller*
- *Dual-trigger input and hi-hat control jack*

Specifications

● **Max. Polyphony** 64 ● **Instruments** Pad Instruments: 600, Backing Instruments: 54 ● **Preset Patches** 160 ● **User Patches** 80 ● **Patch Chains** 10 chains (32 steps per chain) ● **Effect Types** Reverb, Multi-Effects ● **Sequencer** Preset Patterns: 99, User Patterns: Max. 99, Tracks: 4, Play Functions: OneShot, Loop, Tap, Resolution: 96 ticks per quarter note ● **Recording Method** Realtime ● **Tempo** 20-240 bpm ● **Pad** 10", 15 sections, Pressure-sensitive ● **Connectors** Output (L/Mono, R), Phones (stereo), Mix In (stereo), Expression Pedal/Hi-Hat Control, Trigger Input (Dual), Foot Switch (Dual), MIDI (In, Out/Thru) ● **Power Supply** AC Adaptor (DC 9 V) ● **Dimensions** 406 (W) x 405 (D) x 98 (H) mm (16" x 16" x 3-7/8") ● **Weight** (excl. AC Adaptor) 2.9 kg (6 lbs. 7 oz.) ● **Accessories** AC Adaptor (ACI/ACB Series), Scale Label

PDS-15
Pad Stand for HPD-15

Slant-type stand designed exclusively for hand percussion instruments like the HPD-15.

**Includes mounting clamp*

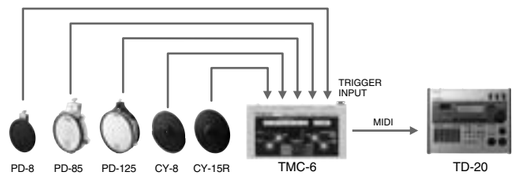
APC-33
All Purpose Clamp for SPD/HPD

The APC-33 lets SPD-S, SPD-20 and HPD-15 owners mount their instruments to a variety of commercially available drum hardware and stands.

TMC-6
Trigger MIDI Converter

- *Affordable trigger-to-MIDI converter for use with acoustic sets or V-Drums®*
- *6 Trigger inputs compatible with all Roland drum pads or acoustic drum triggers*
- *Uses V-Drums triggering technology for reliable and ultra-fast triggering*
- *Supports separate head/rim shot triggering of PD-125/105/85 V-Pads™*
- *Supports 3-way triggering capabilities of CY-15R and CY-12R/C V-Cymbals™*
- *Works with FD-8 Hi-Hat Control Pedal*
- *Trigger chase On/Off function; 12 User memories for storing settings*
- *Can be mounted on a conventional drum stand*

Expand a V-Drums Set



The TMC-6 is also a great way to expand the capabilities of any V-Drums set. Simply connect the TMC-6 to a TD-Series brain via MIDI, and use the TMC-6's trigger inputs to connect more pads and cymbals. In this example, three pads and two cymbals are connected for triggering splash cymbal sounds and percussion instruments like timbales and cowbell.

Specifications

● **Number of Memories** 12 ● **Display** 7 segments, 3 characters (LED) ● **Connectors** Trigger Input Jacks x 6 (7 Inputs), MIDI Out, AC Adaptor ● **Power Supply** AC Adaptor (DC 9 V) ● **Dimensions** 218 (W) x 127 (D) x 58 (H) mm (8-5/8" x 5" x 2-5/16") ● **Weight** (excl. AC Adaptor) 850 g (1 lbs. 14 oz.) ● **Accessories** AC Adaptor (ACI/ACB Series), Stand Holder, Screws (M5 x 12 mm) x 4 ● **Options** Connection Cable (PCS-31L), Foot Switch (FS-5U, DP-2), All Purpose Clamp (APC-33)

RT-7K/-5S/-3T
Acoustic Drum Triggers

- *High-quality triggers for expanding the capabilities of acoustic drums*
- *Can be easily installed or removed without damaging acoustic drums*
- *Superior sensor construction maintains natural acoustic sound*
- *Rock-solid construction built to withstand aggressive playing*
- *RT-5S and -7K use sensor technology from Roland's V-Pads™*
- *RT-5S supports separate head/rim triggering and acoustic/mesh heads*
- *Ideal for use with Roland V-Drums®, SPD-Series and TMC-6*

■ **RT-7K** Kick Trigger

■ **RT-5S** Snare Trigger

■ **RT-3T** Tom Trigger

Specifications

<RT-7K> ● **Trigger** 1 ● **Connector** Trigger Output (1/4" phone type) ● **Dimensions** 52 (W) x 110 (D) x 72 (H) mm (2-1/16" x 4-3/8" x 2-7/8") ● **Weight** 175 g (7 oz.) ● **Accessories** Connection Cable, Hoop Guard ● **Supported Sound Modules** TD-20/12/10/6V/3, TDW-1, RM-2, RMP-5, TMC-6, SPD-20, SPD-S, HPD-15, DB-90 ● **Guide for installation** Height from rim upper edge to head: 36 mm (1-7/16"), Rim thickness: 13 mm (9/16")

<RT-5S> ● **Triggers** 2 (Head, Rim) ● **Rim Level Knob** 1 ● **Connector** Trigger Output (stereo 1/4" phone type) ● **Dimensions** 52 (W) x 100 (D) x 53 (H) mm (2-1/16" x 3-15/16" x 2-1/8") ● **Weight** 160 g (6 oz.) ● **Accessory** Connection Cable ● **Supported Sound Modules** TD-20/12/10/6V/3, TDW-1, RM-2, RMP-5, TMC-6, SPD-20, SPD-S, HPD-15, DB-90 ● **Guide for installation** 11 to 15 mm (7/16" to 5/8") from the upper edge of the rim to the height of the head

<RT-3T> ● **Trigger** 1 ● **Connector** Trigger Output (1/4" phone type) ● **Dimensions** 52 (W) x 70 (D) x 48 (H) mm (2-1/16" x 2-13/16" x 1-15/16") ● **Weight** 105 g (4 oz.) ● **Accessory** Connection Cable ● **Supported Sound Modules:** TD-20/12/10/6V/3, TDW-1, RM-2, RMP-5, TMC-6, SPD-20, SPD-S, HPD-15, DB-90 ● **Guide for installation** 11 to 15 mm (7/16" to 5/8") from the upper edge of the rim to the height of the head

** Keep the trigger's cable away from the rim and shell of the drum pad to avoid external vibrations. * Be sure to mute the bass and snare drum (toms can also be muted if external vibrations are picked up). * Use a ring mute or mute-type drum head to improve the performance of the RT-5S Snare Trigger. * The performance of the RT-Series can be affected by elements such as the type of drum being used, the tuning and use of a mute. For best performance, refer to your sound module's Owner's Manual and set the trigger parameters accordingly.*

RMP-5
Rhythm Coach

NEW

- *PCM sound engine with 54 sounds onboard*
- *External dual-trigger input for adding an optional kick and cymbal pad*
- *Variety of metronome sounds and patterns (samba, jazz, etc.)*
- *Convenient one-piece design*
- *Large LCD screen*
- *Patented mesh head technology for a great acoustic feel*
- *Advanced Rhythm Coach exercises, featuring Stroke Balance and Time Check*
- *Mix input for playing along with CD players or other audio devices*

Specifications

● **Pad Size** 8" ● **Pad Sounds** 54 types ● **Tempo** 20 – 300 ● **Click Sounds** 15 types ● **Rhythm Types** 24 types ● **Patterns** 22 types ● **Beat** 24 types ● **Rhythm Coach Functions** TIME CHECK (8 variations), ACCURACY SCORE (4 variations), QUIET COUNT (6 variations), AUTO UP/DOWN (6 variations), RHYTHMIC NOTES (3 variations), STROKE BALANCE (2 variations) ● **Connectors** PHONES/OUTPUT Jack: 1 (Stereo miniature phone type), AC Adaptor Jack, MIX IN Jack: 1 (Miniature phone type), EXT TRIG IN Jack: 1 (Dual), **Using the PCS-31L, you can connect two pads. In that case, the rim shot, edge shot, and choking features are unavailable.* ● **Power Supply** DC 9 V: Dry Battery 6LR61/1604A (9 V) type (alkaline), AC Adaptor ● **Current Draw** 80 mA **Expected battery life under continuous use: Carbon: 1 hour, Alkaline: 4 hours, These figures will vary depending on the actual conditions of use.* ● **Stand Screw Size** M8 ● **Dimensions** 263 (W) x 348 (D) x 78 (H) mm (10-3/8" x 13-3/4" x 3-1/8") ● **Weight** 1.3 kg (2 lbs. 14 oz.) (incl. battery) ● **Accessories** Dry Battery 6LR61/1604A (9 V) type (alkaline), Tuning Key, Owner's Manual ● **Options** AC Adaptor: BOSS PSA series, Pad Stand: PDS-2, Pad Cable: PCS-31L, Pads (PD-8, PD-85BK/WT, PD-105BK/WT, PD-125BK/WT), Cymbals (CY-8, CY-12R/C, CY-14C, CY-15R), Kick Triggers (KD-8, KD-7, KD-85BK/WT, KD-120BK/WT), Drum Triggers (RT-3T, RT-5S, RT-7K), Carrying Bag: CB-RMP

RMP-3
Rhythm Coach

- *Quiet, comfortable, adjustable 8" mesh head*
- *Built-in Rhythm Coach training features and metronome*
- *Large, onscreen tempo meter*
- *Built-in beeper and headphone output*
- *Internal pickup for monitoring your drumming through headphones*
- *Mix In jack for playing along with external audio (CD players, etc.)*
- *5 metronome sounds to choose from*
- *One-piece design for convenience and portability*

Specifications

● **Pad Size** 8" ● **Tempo** 20 — 260 ● **Beat** 24 types ● **Rhythm Types** 18 types ● **Internal Sounds** Pad Sound: 1 (can be tuned), Metronome: 5 ● **Coach Mode** TIME CHECK: 4, QUIET COUNT: 6, AUTO UP/DOWN: 5, RHYTHMIC NOTES: 3, STROKE BALANCE: 2 ● **Connectors** OUTPUT Jack: 1 (Stereo miniature phone type), MIX IN Jack: 1 (Miniature phone type), AC Adaptor Jack ● **Power Supply** DC9V: Dry Battery 6F22/1604 (9 V) type (carbon), Dry Battery 6LR61/1604A (9 V) type (alkaline), AC Adaptor ● **Current Draw** 55 mA **Expected battery life under continuous use: Carbon: 2 hours, Alkaline: 6 hours, These figures will vary depending on the actual conditions of use.* ● **Stand Screw Size** M8 ● **Dimensions** 263 (W) x 348 (D) x 78 (H) mm (10-3/8" x 13-3/4" x 3-1/8") ● **Weight** 1.2 kg (2 lbs. 11 oz.) (incl. battery) ● **Accessories** Dry Battery 6F22/1604 (9 V) type (carbon), Tuning Key, Owner's Manual, Leaflet ("USING THE UNIT SAFELY" and "IMPORTANT NOTES") ● **Options** AC Adaptor: BOSS PSA Series, Pad Stand: PDS-2, Carrying Bag: CB-RMP

PDS-2
Pad Stand for RMP-5/3

PM-10
Personal Monitor for V-Drums®

- *Designed as a portable companion for Roland's V-Drums*
- *Equipped with a 30-watt amplifier and a 10" 2-way coaxial speaker*
- *Jam along with your favorite songs by connecting an external CD or MP3 player to the Line In jack*
- *Balance the V-Drums and the external audio with the dedicated volume controls; adjust the tone with the built-in 2-band EQ.*

Specifications

● **Rated Power Output** 30W ● **Nominal Input Level/Input Impedance** V-DRUMS Input: 0dBu/20kΩ, LINE Input: 0dBu/20kΩ ● **Speakers** 10" (250 mm) Woofer + 3" (77 mm) Tweeter(Coaxial, 2-way) ● **Enclosure** Bass-reflex type ● **Controls** V-DRUMS Volume Knob LINE Volume Knob BASS Knob TREBLE Knob POWER SW ● **Indicator** POWER ● **Connectors** V-DRUMS Input Jack (Stereo 1/4" phone type) LINE Input Jack (Stereo 1/4" phone type) ● **Power Supply** AC 117/220/230/240 V (50/60 Hz) ● **Power Consumption** 36W ● **Dimensions** 364 (W) x 396 (D) x 352 (H) mm (14-3/8" x 15-5/8" x 13-7/8") ● **Weight** 12 kg (26 lbs. 8 oz.) ● **Accessories** Owner's Manual, Power Cord

** 0 dBu = 0.775 Vrms*

PM-3
Personal Monitor System

ACTIVE DUAL DRIVE

- *First powered personal monitor system designed for electronic percussion kits like the V-Drums®*
- *Two 50-watt speakers with 4-inch woofers, 2-inch mid-range speakers, and 1-inch tweeters; 100-watt Active Dual-Drive woofer system with two 10-inch speakers*
- *Accurately reproduces nuances and stereo placement of acoustic drums*
- *Includes brackets for mounting speakers to any Roland electronic drum system stand (MDS-20BK, MDS-12BK and MDS-3C)*
- *Ideal for home use or for personal monitoring at small gigs*

Specifications

● **System Configuration** Speaker (x 2) + Woofer Unit ● **Rated Power Output** Speaker: 50W x 2, Woofer Unit: 100W ● **Speakers** Speaker: 4" Woofer, 2" Mid-range, 1" Tweeter, Woofer Unit: 10" Woofer x 2 ● **Controls** Main Volume, Woofer Volume, High, Mix Volume ● **Connectors** Main Input (L/Mono, R), Mix Input (L/Mono, R), Line Output (L, R) ● **Dimensions** Speaker: 118 (W) x 115 (D) x 186 (H) mm (4-11/16" x 4-9/16" x 7-3/8"), Woofer Unit: 555 (W) x 335 (D) x 450 (H) mm (21-7/8" x 13-3/16" x 17-3/4") ● **Weight** Speaker: 1.6 kg (for each) (3 lbs. 9 oz.), Woofer Unit: 30 kg (66 lbs. 3 oz.) ● **Accessories** Mount Bracket x 2, Speaker Cables

Combinations of Sound Modules and Pad types

Select a Sound Module from the vertical list below, and scan horizontally for compatible Pad types and triggering options.

About the table ○····Yes —····No

Example (the gray area in the list):
With a PD-125 connected to the Trigger Input 2 (SNARE) of the TD-6V, headshots and rim shots are possible.

Sound Modules	Trigger Inputs	Pad	V-Pad			Pad			V-Cymbal / Cymbal Pad										V-Hi-Hat		Kick Trigger	Acoustic Drum Trigger	
			PD-125BK/WT, PD-105BK/WT,PD-85BK/WT			PD-8			CY-15R, CY-12R/C				CY-14C			CY-8			VH-12	VH-11	KD-120BK/WT, KD-85BK/WT, KD-8, KD-7	RT-5S, RT-7K (*1), RT-3T (*1)	
		Playing Methods	Head Shot	Rim Shot	Brush Sweep(*3)	Head Shot	Rim Shot	Choking	Bow Shot	Edge or Bell Shot (*4)	Three-Way Triggering	Choking	Bow Shot	Edge Shot	Choking	Bow Shot	Edge Shot	Choking				Head Shot	Rim Shot
TD-20	1 (KICK)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	2 (SNARE)		○ *pos.	○ *pos. *2 *10	○	○ *pos.	○	○	○ *pos.	○	—	○	○ *pos.	○	○	○	○	○	—	—	○	○	○
	3, 4, 5, 6 (TOM1,2,3,4)		○	○ *pos. *10	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	7 (HI-HAT)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	—
	8, 9 (CRASH1,2)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	10 (RIDE), 11 (EDGE)		○ *pos.	—	—	○ *pos.	○	○	○ *pos.	○	○ *5	○	○ *pos.	○	○	○	○	○	—	—	○	○	—
	12,13,14,15 (AUX1,2,3,4)		○	○ *pos. *10	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
TD-12	1 (KICK)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	2 (SNARE)		○ *pos.	○ *pos. *2 *10	○	○ *pos.	○	○	○ *pos.	○	—	○	○ *pos.	○	○	○	○	○	—	—	○	○	○
	3, 4, 5 (TOM1,2,3)		○	○ *pos. *10	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	6 (HI-HAT)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	—
	7, 8 (CRASH1,2)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	9 (RIDE), 10 (EDGE)		○ *pos.	—	—	○ *pos.	○	○	○ *pos.	○	○ *5	○	○ *pos.	○	○	○	○	○	—	—	○	○	—
	11, 12, (AUX1,2)		○	○ *pos. *10	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
TD-6V	1 (KICK)		○	—	—	○	—	—	○	—	—	—	○	—	—	○	—	—	—	—	○	○	—
	2 (SNARE)		○	○ *2	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	3 (HI-HAT)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	△ *11	○	○	—
	4, 5/6 (*6), 7/8 (*6)		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	Others		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
TD-3	SNARE		○	○ *2	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	HI-HAT, CRASH1, CRASH2, RIDE		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	Others		○	—	—	○	—	—	○	—	—	—	○	—	—	○	—	—	—	—	○	○	—
SPD-20	1, 2		○	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○ *9
	3, 4		○	—	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
SPD-S	TRIG IN (1/2) (*6)		○	○ *7	—	○	○ *7	—	○	○ *7	—	—	○	○ *7	—	○	○ *7	—	—	—	○	○	○ *7
HPD-15	TRIGGER INPUT (*6)		○	○ *7	—	○	○ *7	—	○	○ *7	—	—	○	○ *7	—	○	○ *7	—	—	—	○	○	○ *7 *9
TMC-6	2		○	○	—	○	○	○	○	○	○ *3	○	○	○	○	○	○	○	—	—	○	○	○
	Others		○	○ *8	—	○	○	○	○	○	○ *3	○	○	○	○	○	○	○	—	—	○	○	○ *8

**pos.: Positional sensing is available.*

*(*1) Does not support rim shots.*
*(*2) Supports Cross Sticks.*
*(*3) Supports brush sweep techniques.*
*(*4) Connect to the BOW/EDGE output jack for edge shots; connect to the BOW/BELL output jack for bell shots.*
*(*5) With two stereo cables, you can perform using three different tones: bow, bell, and edge.*
*(*6) With a Y-Cable (PCS-31L), you can connect two pads to a single trigger input jack. However, rim shots, choking, and edge or bell shots on each pad or cymbal are not available for use.*
*(*7) You need to set the "Input Mode" to "HD/RM."*
*(*8) With a Y-Cable (PCS-31L), rim shots are possible with other trigger inputs in addition to Trigger Input 2.*
*(*9) You need to select "PD-120" for trigger type settings.*
*(*10) Positional sensing on rim is available.*
*(*11) Open/Close control is possible. Since the module is not fully compatible with the VH-11, the expressiveness of the half-open play is different from the TD-20/12.*

**To enable rim shot, edge shot, bell shot and choking techniques, you'll need to connect the pad with the stereo cable.*

The power behind Roland's GK gear lies in the GK-3/3B Divided Pickup. This unique pickup provides an individual output for each string — crucial for accurate synth tracking, advanced pickup and guitar modeling, and precise pitch-to-MIDI conversion. Once the GK-3/3B has been attached to a steel-stringed electric guitar, acoustic guitar or bass guitar — or purchased as part of a special "Roland-Ready" guitar — users can tap into the amazing polyphonic pitch-shifting power, COSM® Guitar Modeling, and synthesis power of Roland's GK-Ready gear.

**Note that the GK-3 and GK-3B's functions vary between different GK gear. Please check the specifications for Roland's GK-Ready gear to see what types of effects are possible.*

VG-88
Version 2
V-Guitar™ System

GK COSM

V.2 SOFTWARE — *Includes 3 new COSM® guitars, 18 new amps, plus De-Fretter, Uni-V, and COSM wah effects.*

- *Self-contained guitar processing/modeling system, which recreates a wide variety of guitar, pickup, amp, speaker cabinet, and microphone sounds using a standard electric guitar equipped with a GK-3 or compatible pickup*
- *Contains hollow-body and acoustic guitar models — including new nylon-string — for instant switching between electric and acoustic guitar sounds*
- *COSM® Guitar includes new synth-type sounds (including new Wave Synth) and new Sitar sounds while preserving a guitar's natural expression*
- *32 mind-blowing COSM amp models, including 18 new combos and stacks from vintage to modern*
- *New COSM Wah Modeling recreates 5 classic wah pedals; Defretter effect creates instant fretless sounds; Uni-V produces swirling rotary sounds*
- *Polyphonic Intelligent Pitch Shifter instantly recreates the sound of user-defined and open tunings, 12-string guitars, bass guitar, string-assignable octave, Slow Gear, etc.*
- *Onboard reverb, chorus, delay, flanger, and parametric EQ — all available simultaneously*
- *160 Preset and 100 User Patches, including newly-developed factory Patches*
- *Direct 1/4" guitar input provides access to COSM amp models and effects using normal electric guitar pickups*

Specifications

● **AD Conversion** 24-bit + AF Method (GUITAR INPUT), 20-bit (GK IN) ● **DA Conversion** 20-bit ΔΣ Method ● **Sampling Frequency** 44.1kHz ● **Program Memories** 200: 100 (User) + 160 (Preset) ● **Nominal Input Level** -10dBu ● **Input Impedance** 1 MΩ ● **Nominal Output Level** OUTPUT: +4dBu, GUITAR OUTPUT: -10dBu ● **Output Impedance** OUTPUT: 2 kΩ, GUITAR OUTPUT: 2 kΩ ● **Dynamic Range** 100dB or greater (IHF-A) ● **Display** 160 x 64-dot Backlit LCD, 2 characters, 7 segments LED ● **Connectors** GK IN, GUITAR INPUT, GUITAR OUTPUT, OUTPUT (L(Mono), R), PHONES, SUB EXP PEDAL/SUB CTL (1, 2), MIDI (In, Out) ● **Power Supply** AC 117/230/240 V ● **Dimensions** 504 (W) x 303 (D) x 101 (H) mm (19-7/8" x 11-15/16" x 4") ● **Weight** 4.9 kg (10 lbs. 13 oz.) ● **Accessory** GK Connecting Cable C-13A (5 m)

** 0 dBu=0.775 Vrms*

V-BASS

GK COSM

- *Bass processing/modeling system which recreates a variety of bass, pickup, amp, speaker cabinet, mic, and effects combinations*
- *COSM® Bass technology models classic electric, acoustic, fretless, and custom user-created basses using standard bass guitar with GK-3B Divided Pickup for Bass**
- *Instant access to popular solid state and tube amp models, speaker cabinets, plus original amp models*
- *Unsurpassed bass effects include wah, modeled overdrive/distortion, compression, delay, chorus, reverb, and more*
- *Incredible synth bass sounds, polyphonic effects, wild sound effects, and more*
- *1/4" bass input jack for direct access to amp modeling and non-polyphonic effects*
- *4-string, 5-string and 6-string Select function for optimal results; 100 Preset and 100 User Patches*

**This user-installable pickup is required for access to COSM Bass technology and polyphonic effects.*

Specifications

● **AD Conversion** 24-bit + AF method (BASS INPUT), 20-bit (GK IN) ● **DA Conversion** 20-bit ΔΣ Method ● **Sampling Frequency** 44.1kHz ● **Program Memories** 200: 100 (User) + 100 (Preset) ● **Nominal Input Level** -10dBu ● **Input Impedance** 1 MΩ ● **Nominal Output Level** OUTPUT: +4dBu, OUTPUT (XLR): +4dBu, BASS OUTPUT: -10dBu, ● **Output Impedance** OUTPUT: 2 kΩ, OUTPUT (XLR): 600 Ω (HOT - COLD), BASS OUTPUT 2 kΩ: ● **Dynamic Range** 100dB or greater (IHF-A) ● **Display** 160 x 64-dot Backlit LCD, 2 characters, 7 segments LED ● **Connectors** GK IN, BASS INPUT, BASS OUTPUT, OUTPUT (L(Mono), R), OUTPUT(XLR) (L(Mono)) (R(Direct)), PHONES, SUB EXP PEDAL/SUB CTL (1,2), MIDI (In, Out) ● **Power Supply** AC 117/230/240 V ● **Dimensions** 504 (W) x 303 (D) x 101 (H) mm (19-7/8" x 11-15/16" x 4") ● **Weight** 4.9 kg (10 lbs. 13 oz.) ● **Accessory** GK Connecting Cable C-13A (5 m)

GK-3B Divided Pickup for Bass

GK

Drive your synth bass rig with this new and improved divided pickup. Smaller and thinner than its GK-2B predecessor, the GK-3B is similar to the GK-3, but catered for low frequencies. Its big control knob allows for smooth volume control; the Select Switch lets you quickly choose between normal bass tones, synth/processed sounds, and bass and synth/processed sounds mixed together.

- *Slim design with performer-friendly controls; compatible with V-Bass, GR-20, and GI-20*
- *Convenient do-it-yourself installation (pickup holder and double-sided tape included)*

GR-20
Guitar Synthesizer

GK

- *Affordable guitar synthesizer with new sounds, easy interface, and GK-3 pickup*
- *Easy to use: Select a sound category (Strings, Organ, Synth, etc.) and play!*
- *Quick editing via Attack, Release, Chorus, and Delay/Reverb knobs*
- *Digital pitch detection for lightning-fast tracking*
- *Includes Roland's latest sounds, such as sax, strings, flute, brass, bass, and percussion loops*
- *GK-3 mounts easily on any steel-stringed electric without damage to guitar*
- *GK-3 features an adjustable curve design and pick-up cable length, plus an attachment plate for Les Paul-type guitars*
- *Connect your GR-20 to a GK-2B/GK-3B-equipped basses with downloadable updater, now available at www.bosscorp.co.jp*
- *GR-20 can be purchased separately (without GK-3) as model #GR-20S; ideal for musicians who already own GK-2B/GK-3B-equipped basses*

Specifications

● **Sound Generator** 1 part ● **Max. Polyphony** 48 voices ● **Program Memories** User: 99, Preset: 469 ● **Effects** MULTI-FX (included in the patches), Chorus, Delay/Reverb ● **Power Supply** AC 14 V (AC Adaptor) ● **Current Draw** 600 mA ● **Dimensions** 313.8 (W) x 244.9 (D) x 63.1 (H) mm (12-3/8" x 9-11/16" x 2-1/2"), Maximum height: 313.8 (W) x 244.9 (D) x 97.5 (H) mm (12-3/8" x 9-11/16" x 3-7/8") ● **Weight** 1.7 kg (3 lbs. 12 oz.) (excl. the AC Adaptor) ● **Connectors** GK IN, GUITAR OUT, MIX IN (R(Mono), L), OUTPUT (R(Mono), L(Phone)), MIDI (In, Out), AC IN ● **Accessories** AC Adaptor (BRC series), GK Cable (5 m), Divided Pickup (GK-3)

GK-3 Divided Pickup

GK

- *Mounts easily on any steel-stringed electric without damage to guitar*
- *Features an adjustable curve design and pickup cable length, plus an attachment plate for Les Paul-type guitars*

Buyer's note

The GR-20 comes bundled with the GK-3 pickup [model #GR-20] or can be purchased separately without the pickup [model #GR-20S].

GI-20
GK-MIDI Interface

GK

- *Powerful Guitar/Bass-MIDI interface turns MIDI modules into a guitar synth*
- *Built-in USB-MIDI port for computer connection*
- *Easy, knob-based controls and dedicated buttons for fast, intuitive operation*
- *Patch Memory lets you store user settings for live performance*
- *Ideal for use with Roland XV-2020 Synthesizer Module*
- *Flexible Transpose functions + 2 / - 3 octave with optional footswitch control*

Specifications

USB

● **Program Memories** 50 ● **Display** 7-segment, 2-character LED ● **Connectors** GK IN, FOOT SWITCH, EXP PDL, GUITAR OUT, MIDI (In, Out), USB, DC IN ● **Power Supply** DC 9 V; AC Adaptor (ACI or ACB Series) ● **Dimensions** 218 (W) x 237 (D) x 44 (H) mm (8-5/8" x 9-3/8" x 1-3/4") <incl. rubber foot> 218 (W) x 237 (D) x 46.4 (H) mm (8-5/8" x 9-3/8" x 1-7/8") ● **Weight** (excl. AC Adaptor) 1.3 kg (2 lbs. 14 oz.) ● **Accessories** AC Adaptor (120/230 V: ACI Series, 230(UK)/240 V: ACB Series) GK Cable (3 m), MIDI Cable (1 m), CD-ROM (USB driver), Rubber Foot x 4

US-20
Unit Selector

GK

- *1 Input/2 Output ports for guitars equipped with 13-pin GK-compatible pickups*
- *Durable metal construction*
- *Compatible with VG-88 Version 2, V-Bass, GR-33 /20, and GI-20*

GKP-4
GK Parallel Box

GK

- *1 Input/4 Output parallel box for guitars equipped with 13-pin GK-compatible pickups*
- *No batteries or power supply required; draws power through GK cable*

GK Cables

GK

GKC-3 3 m / GKC-5 5 m / GKC-10 10 m

Guitar Synthesizers (GK Products)

KC-550
4-ch. Stereo Mixing Keyboard Amplifier

- *180-watt keyboard amplifier with 15" speaker and horn tweeter*
- *4 stereo inputs, plus stereo Aux input and XLR Mic input*
- *Output Select feature and tonal control via Shape switch*
- *3-band EQ and Subwoofer output compatible with KCW-1*
- *Stereo Link feature, plus professional XLR Line output*

Specifications

● **Rated Power Output** 180W ● **Speakers** 15" (38 cm) x 1 + Tweeter x 1 ● **Controls** [Channel Control] Volume (CH1/2/3/4), Output Select, Phones Volume [Master Control] EQ (Low/Middle/High), Shape Switch, Volume, Power, GND Lift ● **Connectors** CH1 Input (XLR type), CH1-4 Input L (Mono, 1/4" phone type), CH1-4 Input R (1/4" phone type), Line Out L (Mono, XLR type, 1/4" phone type), Line Out R (XLR type, 1/4" phone type), AUX In (RCA phono type), Subwoofer Out (1/4" phone type), Stereo Link In/Out (1/4" phone type), Phones (Stereo 1/4" phone type) ● **Power Consumption** 135W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 590 (W) x 445 (D) x 590 (H) mm (23-1/4" x 17-9/16" x 23-1/4") ● **Weight** 29 kg (63 lbs. 15 oz.) ● **Accessory** Casters (x 4)

KC-350
4-ch. Stereo Mixing Keyboard Amplifier

- *120-watt keyboard amplifier with 12" speaker and horn tweeter*
- *4 stereo inputs, plus stereo Aux input and XLR Mic input*
- *Output Select feature and tonal control via Shape switch*
- *3-band EQ and Subwoofer output compatible with KCW-1*
- *Stereo Link feature, plus 1/4" output for recording*

Specifications

● **Rated Power Output** 120W ● **Speakers** 12" (30 cm) x 1 + Tweeter x 1 ● **Controls** [Channel Control] Volume (CH1/2/3/4), Output Select, Phones Volume [Master Control] EQ (Low/Middle/High), Shape Switch, Volume, Power ● **Connectors** CH1 Input (XLR type), CH1-4 Input L (Mono, 1/4" phone type), CH1-4 Input R (1/4" phone type), Line Out L (Mono, 1/4" phone type), Line Out R (1/4" phone type), AUX In (RCA phono type), Subwoofer Out (1/4" phone type), Stereo Link In/Out (1/4" phone type), Phones (Stereo 1/4" phone type) ● **Power Consumption** 100W (AC 117/230/240 V) ● **Dimensions** 490 (W) x 385 (D) x 470 (H) mm (19-5-16" x 15-3/16" x 18-9/16") ● **Weight** 22 kg (48 lbs. 9 oz.)

JC-120
Jazz Chorus™ Guitar Amplifier

- *The Classic and most popular "JC" since 1975*
- *60W + 60W (RMS) / 12" x 2 speakers*
- *Distinctive "JC" stereo chorus*
- *Vibrato with speed and depth control*
- *Two input channels (normal/effect); 3-band EQ per channel*
- *Stereo effect loop*
- *Three footswitch jacks for chorus/vibrato, reverb, and distortion*

Specifications

● **Rated Power Output** 120W (60W + 60W) ● **Speakers** 12" (30 cm) x 2 ● **Connectors** <CH 1> Input (High, Low), <CH 2> Input (High, Low), Line Out (L/Mono, R), Effect Loop Send, Effect Loop Return (L/Mono, R), Footswitches (Chorus/Vibrato, Reverb, Distortion) ● **Power Consumption** 110W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 760 (W) x 280 (D) x 622 (H) mm (29-15/16" x 11-1/16" x 24-1/2") ● **Weight** 28 kg (61 lbs. 12 oz.) ● **Accessory** Casters (x 4)

JC-90
Jazz Chorus™ Guitar Amplifier

- *A portable "JC" ideal for gigs and studio use*
- *40W + 40W (RMS) / 10" x 2 speakers*
- *Distinctive "JC" stereo chorus with rate and depth controls*
- *4-band equalizer: Bass, Middle, Treble, and High-treble*
- *Two input channels*
- *External effects loop (mono send; stereo return)*
- *Cabinet-voiced headphone output*
- *Three footswitch jacks for chorus, reverb, and distortion*

Specifications

● **Rated Power Output** 80W (40W + 40W) ● **Speakers** 10" (25 cm) x 2 ● **Connectors** Input (High, Low), Line Out (L/Mono, R), Effect Loop Send, Effect Loop Return (L/Mono, R), Footswitches (Chorus, Reverb, Distortion), Headphones ● **Power Consumption** 80W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 595 (W) x 274 (W) x 508 (H) mm (23-7/16" x 10-13/16" x 20") ● **Weight** 22 kg (48 lbs. 9 oz.) ● **Accessory** Casters (x 4)

KC-150
4-ch. Mixing Keyboard Amplifier

- *Compact keyboard amplifier with 65-watt/12" speaker and piezo tweeter*
- *4 mono inputs, plus stereo Aux input and XLR Mic input*
- *2-band EQ, plus tonal control via Shape switch*
- *Mono Line output, Subwoofer output, and Headphones output*

Specifications

● **Rated Power Output** 65W ● **Speakers** 12" (30 cm) x 1 + Tweeter x 1 ● **Controls** [Channel Control] Volume (CH1/2/3/4), [Master Control] EQ (Low/High), Volume, Power ● **Connectors** CH1 Input (XLR type, 1/4" phone type), CH2-4 Input (1/4" phone type), AUX In (RCA phono type), Line Out (1/4" phone type), Subwoofer Out (1/4" phone type), Phones (1/4" TRS phone type, mono signal output) ● **Power Consumption** 55W (AC 117/230/240 V) ● **Dimensions** 480 (W) x 295 (D) x 435 (H) mm (18-15/16" x 11-5/8" x 17-1/8") ● **Weight** 14 kg (30 lbs. 14 oz.)

KC-60
3-ch. Mixing Keyboard Amplifier

- *Compact, affordable keyboard amplifier with legendary KC sound*
- *40-watt output power with 10" speaker and independent tweeter*
- *Subwoofer output for low end boost (compatible with KCW-1 and most other powered subwoofers)*
- *3-channel design includes 1/4" Line input and XLR Microphone input*
- *Auxiliary input (RCA type) for connecting CD or MD players*

Specifications

● **Rated Power Output** 40W ● **Speakers** 10" (25 cm) x 1 + Tweeter x 1 ● **Controls** Channel Volume (1, 2, 3), EQ (Low/High), Master Volume, Power Switch ● **Connectors** Channel 1 Input (XLR type, 1/4" phone type), Channel 2, 3 Inputs (1/4" phone type), Aux In (RCA phono type), Line Out (1/4" phone type), Subwoofer Out (1/4" phone type), Phones (1/4" TRS phone type, mono signal output) ● **Power Consumption** 45W (AC 117/230/240 V) ● **Dimensions** 420 (W) x 300 (D) x 410 (H) mm (16-9/16" x 11-13/16" x 16-3/16") ● **Weight** 12.5 kg (27 lbs. 9 oz.)

KCW-1
Powered Subwoofer

- *200-watt powered subwoofer adds deep low end to a range of amps*
- *Stereo Thru Out (XLR and 1/4") for amps without a Subwoofer output*
- *Intuitive controls: Crossover knob, Phase switch, and Bottom switch*
- *Footswitch jack for switching the powered woofer on or off*

Specifications

● **Rated Power Output** 200W ● **Speakers** 10" (25cm) x 1 ● **Connectors** Input (L, R) (XLR type), Input (L(Mono), R) (1/4" phone type), Thru Out (L, R) (XLR type), Thru Out (L, R) (1/4" phone type), Foot Switch (1/4" phone type) ● **Power Supply** AC 117/230/240 V ● **Dimensions** 438 (W) x 440 (D) x 460 (H) mm (17-1/4" x 17-3/8" x 18-1/8") ● **Weight** 23 kg (50 lbs. 12 oz.) ● **Accessory** Owner's Manual ● **Options** Pedal Switch (DP-2), Foot Switch (FS-5U)

AC-60
Acoustic Chorus™ Guitar Amplifier

- *Compact stereo acoustic amplifier with pure, natural tone and excellent projection*
- *Stereo 30-watt/dual 6.5-inch speaker configuration ideal for club gigs*
- *2-Channel design: Guitar input and Mic/Line input with Phantom Power*
- *Onboard stereo/multi-band chorus including new "wide" chorus and delay/reverb*
- *Built-in Auto Anti-Feedback controls allow for maximum volume without feedback*
- *Convenient Mute switch for silent tuning on stage*

Specifications

● **Rated Power Output** 30W + 30W ● **Speakers** 6.5" (16 cm) x 2 ● **Controls** <GUITAR Channel> Pickup Switch (Piezo/Magnetic), SHAPE Switch, Volume Knob, Equalizer Knobs (Bass/Middle/Treble), Chorus Switch, <MIC/LINE Channel> Phantom Switch, Select Switch (Mic/Line), Volume Knob, Equalizer Knobs (Bass/Middle/Treble), Chorus Switch, <Chorus Knob>, <Reverb/Delay Knob>, <Anti-Feedback> Frequency Knob, Start Button, <Mute Switch>, <Master Knob>, <Power Switch> ● **Connectors** Guitar Channel Input (1/4" phone type), Mic/Line Input (XLR type, 1/4" phone type), Aux In (RCA phono type, 1/4" phone type), DI/Tuner Out (1/4" TRS phone type), Line Out (XLR type, 1/4" phone type), Sub Woofer Out (1/4" phone type), Headphones (1/4" TRS phone type), Foot Switch (1/4" TRS phone type) ● **Power Consumption** 68W (AC 117/230/240 V) ● **Dimensions** 380 (W) x 270 (D) x 268 (H) mm (15" x 10-11/16" x 10-9/16") ● **Weight** 9.8 kg (21 lbs. 10 oz.) ● **Accessory** Carrying Case ● **Options** Foot Switch [FS-5L (Mute On/Off), FS-5U], Connection Cable (PCS-31)

CUBE-60 COSM
Guitar Amplifier

- *Powerful 60W output in a compact, 12" speaker design*
- *Built-in 9 COSM guitar amp models, including JC, British Combo, and R-Fier*
- *New Dyna Amp feature offers expressive control over enhanced dynamics and tone transitions based on picking style*
- *Six classic built-in Roland effects, including chorus, flanger, phaser, Tremolo, and independent delay/reverb*
- *Multiple outputs, including recording/phones out, line out, tuner out, and external speaker out (for connecting external cabinets)*
- *Channel switching, delay/reverb, and effect on/off control via optional footswitch*

● **Top Panel**

● **Rear Panel**

Specifications

● **Rated Power Output** 60W ● **Nominal Input Level (@ 1kHz)** INPUT: -10dBu/1 MΩ ● **Speaker** 12" (30 cm) x 1 ● **Power Supply** AC 117/230/240 V ● **Power Consumption** 60W ● **Dimensions** 410 (W) x 275 (D) x 440 (H) mm (16-3/16" x 10-7/8" x 17-3/8") ● **Weights** 14.5 kg, (32 lbs.) ● **Accessory** Owner's Manual ● **Option** Footswitch FS-5U (BOSS)

** 0 dBu=0.775 Vrms*

CUBE-30 COSM
Guitar Amplifier

- *High-quality DSP guitar amplifier with 30-watt output and 10" speaker*
- *Includes 8 COSM® guitar amp models: JC Clean, Acoustic, Black Panel, Brit Combo, Tweed, Classic Stack, Metal Stack, R-fier Stack*
- *Powerful onboard EFX section includes chorus, flanger, phaser, and tremolo*
- *Independent Delay/Reverb processor*
- *Two-channel operation (Clean/Lead) with footswitch control of channels and EFX section*
- *Recording/Headphone output for silent practice and recording*
- *Auxiliary input for connecting CD players, drum machines, etc.*

● **Top Panel**

Specifications

● **Rated Power Output** 30W ● **Nominal Input Level (@1kHz)** Input (JC Clean channel): -10dBu/1 MΩ, AUX IN: -10dBu ● **Speaker** 10" (25 cm) ● **Power Consumption** 34W (AC 117/230/240 V) ● **Dimensions** 385 (W) X 240 (D) X 380 (H) mm (15-3/16" X 9-1/2" X 15") ● **Weight** 9.2 kg (20 lbs. 5 oz.) ● **Accessory** Owner's Manual ● **Options** Footswitch: FS-5U (BOSS), Connection cable: PCS-31

** 0 dBu=0.775 Vrms*

CUBE-100 BASS COSM FFP
Bass Amplifier

- *Powerful 100W bass amplifier*
- *12" coaxial 2-way speaker*
- *Chorus/flanger/T-wah, delay/reverb, 4-band EQ, compressor, and Shape control*
- *COSM® amp models: Flip Top, B Man, Bass 360, Session, Concert 810, and new "Super Flat"*
- *DI Output, Line Out, Phones/Recording Out, and External Speaker Out*
- *Pad switch accommodates input levels from any type of bass guitar*

● **Top Panel**

● **Rear Panel**

Specifications

● **Rated Power Output** 100W ● **Speaker** 30 cm (12") + Tweeter (Coaxial, 2-way) ● **Power Consumption** 28W (AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz)) ● **Dimensions** 407 (W) x 310 (D) x 469 (H) mm (16-1/16" x 12-1/4" x 18-1/2") ● **Weight** 17 kg (37 lbs. 8 oz.)

CUBE-30 BASS COSM FFP
Bass Amplifier

- *Compact 30-watt bass amp with 10" coaxial 2-way speaker*
- *FFP™ technology maximizes amp components for surprisingly powerful sound*
- *7 COSM® bass amp models including octave bass sound*
- *Convenient Shape switch for easy tonal variation*
- *5 high-quality DSP effects: reverb, delay, chorus, flanger, and T-Wah*
- *Onboard 3-band EQ and compression with simple knob-based controls*
- *Recording/Headphone output for silent practice and recording*
- *Footswitch input and Auxiliary input for connecting a CD player*

● **Top Panel**

Specifications

● **Rated Power Output** 30W ● **Speakers** 10" (25cm) full range x 1, Coaxial type tweeter x 1 ● **Power Consumption** 34W (AC 117/230/240 V) ● **Dimensions** 385 (W) x 300 (D) x 380 (H) mm (15-3/16" x 11-13/16" x 15") ● **Weight** 12 kg (20 lbs. 5 oz.) ● **Accessory** Owner's Manual ● **Options** Foot Switch (FS-5U), Connection Cable (PCS-31)

CUBE-15
Guitar Amplifier

- *Ultra-affordable compact guitar amp with 15-watt output and 8" speaker*
- *Two-channel operation (Clean/Lead) with footswitch control*
- *Lead sounds include Overdrive, Distortion, Metal, and Metal Stack*
- *3-band EQ for precise tonal shaping*
- *Recording/Headphone output for silent practice and recording*
- *Auxiliary input for connecting CD players, drum machines, etc.*

● **Top Panel**

Specifications

● **Rated Power Output** 15W ● **Nominal Input Level (@1kHz)** Input (Clean Channel): -10dBu/1 MΩ, AUX IN: -10dBu ● **Speaker** 8" (20 cm) ● **Power Consumption** 18W (AC 117/230/240 V) ● **Dimensions** 335 (W) X 240 (D) X 330 (H) mm (13-3/16" X 9-1/2" X 13") ● **Weight** 6.9 kg (15 lbs. 4 oz.) ● **Accessory** Owner's Manual

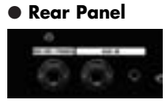
** 0 dBu=0.775 Vrms*

Micro-CUBE COSM
Guitar Amplifier

- *Ultra-compact portable DSP guitar amp with 5" speaker*
- *Runs on battery or AC power (adapter supplied) and includes carry strap*
- *Seven COSM guitar amp models, including JC-120 and a special mic preamp model*
- *Six DSP effects: chorus, flanger, phaser, tremolo, and separate delay/reverb*
- *New Digital Tuning Fork with support for flat tunings up to 2 semitones*
- *Recording/headphones output and stereo auxiliary input for CD players, etc.*

● **Top Panel**

● **Rear Panel**



Specifications

● **Rated Power Output** 2W ● **Nominal Input Level** INPUT: -10dBu, AUX IN: -10dBu ● **Speaker** 5" (12 cm) x 1 ● **Power Supply** DC 9 V: AC Adaptor or Dry Battery (LR6 (AA) type) x 6 ● **Current Draw** 185 mA ● **Dimensions** 244 (W) x 166 (D) x 226 (H) mm (9-5/8" x 6-9/16" x 8-15/16") ● **Weight** 3.3 kg (7 lbs. 5 oz.) (excl. AC Adaptor and Battery) ● **Accessories** AC Adaptor, Strap, Owner's Manual

** 0 dBu=0.775 Vrms*

D-BASS 210

COSM FFP NEW

D-BASS™ Amplifier

- *Built with FFP™ and Active Speaker Control technology for super high-quality sound, power, and efficiency*
- *COSM® preamp models, including Modern, Vintage, and Super Flat*
- *Tube Logic function produces the fat and natural compression of tube amps*
- *3-band EQ with dedicated Tweeter Control knob*
- *Passive/active input and dedicated piezo input also built in — Perfect for any type of bass guitar*
- *Rock-solid construction, but lighter overall weight to ease the burden of transportation*
- *High-performance neodymium-based speaker*
- *Optional 115X powered satellite cabinet provides 330 watts of extra power and punch — looks great too!*
- *400W RMS into 2 x 10" and tweeter*
- *XLR DI out with ground lift*

Specifications

● **Output Power** 400W (160W + 160W + 80W), TRI-AMP Structure ● **Speakers** 10" (25 cm) x 2, Tweeter ● **Connectors** INPUT (PIEZO, NORMAL) jacks (1/4" phone type), PHONES jack (1/4" phone type), BALANCED OUT jack (XLR type), TUNER OUT jack (1/4" phone type), EFFECT (SEND, RETURN) jacks (1/4" phone type), LINE OUT jack (1/4" phone type), SUB OUT jack (1/4" phone type), FOOT SW (MUTE) jack (1/4" phone type) ● **Knobs** GAIN, TYPE, COMPRESSION, BASS, MIDDLE, FREQUENCY, TREBLE, TWEETER, EFFECT BLEND, VOLUME ● **Switches** PICKUP TYPE, SHAPE, MODE, MUTE, GND LIFT, SELECT, POWER ● **Dimensions** (incl. casters) 595 (W) x 410 (D) x 625 (H) mm (23-7/16" x 16-3/16" x 24-5/8") ● **Weight** 24.0 kg (52 lbs. 15 oz.) ● **Accessories** Casters x 4, Owner's Manual

D-BASS 115

NEW COSM FFP

D-BASS™ Amplifier

- *High-powered bass amp with FFP and Active Speaker Control*
- *Powerful, ultra-lightweight design*
- *330W RMS into 1 x 15" and tweeter*
- *3 COSM amp models*
- *XLR DI out with ground lift*

Specifications

● **Output Power** 330W (250W + 80W), BI-AMP Structure ● **Speaker** 15" (38 cm) x 1, Tweeter ● **Connectors** INPUT (PIEZO, NORMAL) jacks (1/4" phone type), PHONES jack (1/4" phone type), BALANCED OUT jack (XLR type), TUNER OUT jack (1/4" phone type), EFFECT (SEND, RETURN) jacks (1/4" phone type), LINE OUT jack (1/4" phone type), SUB OUT jack (1/4" phone type), FOOT SW (MUTE) jack (1/4" phone type) ● **Knobs** GAIN, TYPE, COMPRESSION, BASS, MIDDLE, FREQUENCY, TREBLE, TWEETER, EFFECT BLEND, VOLUME ● **Switches** PICKUP TYPE, SHAPE, MODE, MUTE, GND LIFT, SELECT, POWER ● **Dimensions** (incl. casters) 595 (W) x 410 (D) x 674 (H) mm (23-7/16" x 16-3/16" x 26-9/16") ● **Weight** 23.5 kg (51 lbs. 13 oz.) ● **Accessories** Casters x 4, Owner'fs Manual

D-BASS 115X

NEW FFP

D-BASS™ Amplifier

- *Ultra lightweight, powered bass speaker cab*
- *330W RMS into 1 x 15" and tweeter*
- *Switch for full range or Sub woofer functions*
- *Perfect match for D-Bass 115 or 210*
- *Can be used as external cab with other amps*

Specifications

● **Output Power** 330W (250W + 80W), BI-AMP Structure ● **Speaker** 15" (38 cm) x 1, Tweeter ● **Connectors** INPUT jack (1/4" phone type) THRU OUT jack (1/4" phone type) ● **Knobs** FULL RANGE: TWEETER, SUB WOOFER: FREQUENCY, MASTER: VOLUME ● **Switches** MODE, POWER ● **Dimensions** (incl. casters) 595 (W) x 517 (D) x 581 (H) mm (23-7/16" x 20-3/8" x 22-7/8") ● **Weight** 27.0 kg (59 lbs. 9 oz.) ● **Accessories** Casters x 4, Owner's Manual

DS-8

Bi-Amp Monitor

- *1" x 8" bi-amped speaker combo, 120W power*
- *Superb sound quality with precise imaging and balanced energy output*
- *24-bit digital input with sample-rate support up to 192kHz*
- *Analog and digital inputs, including XLR, coaxial, and optical; AES/EBU and S/PDIF compatible*
- *Improved cabinet with bi-amp circuit; eliminates phase anomalies*
- *Newly designed heat sink and front-panel power switch; fully compliant with IEC60065 safety standards*

Specifications

● **System** 2-Way Bi-Amplified Monitor ● **Enclosure** Bass-reflex type ● **Cabinet** 3/4" MDF (Baffle: 1" MDF) ● **LF Driver** 8" (200 mm) Polypropylene cone type (magnetically shielded) ● **HF Driver** 1" (25 mm) Soft dome type (magnetically shielded) ● **Frequency Response** 58Hz to 24kHz (+/-3dB) ● **Crossover Frequency** 2.3kHz (active fourth order) ● **LF Amplifier Power** 80W ● **HF Amplifier Power** 40W ● **Power Supply** AC 117/220/230/240 V (50/60Hz) ● **Power Consumption** 125W ● **Dimensions** 254 (W) x 367 (D) x 406 (H) mm (10" x 14-1/2" x 16") ● **Weight** 17.2 kg (37 lbs. 15 oz.) ● **Accessories** Owner's Manual, Power Cord ** 0 dBu=0.775 Vrms*

DS-7

Bi-Amp Monitor

- *3/4" x 6.5" bi-amped speaker combo, 60W power*
- *24-bit digital input with sample-rate support up to 192kHz*
- *Analog and digital inputs, including XLR, coaxial, and optical; AES/EBU and S/PDIF compatible*
- *Improved cabinet with bi-amp circuit; eliminates phase anomalies*
- *Newly designed heat sink and front-panel power switch; fully compliant with IEC60065 safety standards*

Specifications

● **System** 2-Way Bi-Amplified Monitor ● **Enclosure** Bass-reflex type ● **Cabinet** 5/8" MDF (Baffle: 3/4" MDF) ● **LF Driver** 6-1/2" (160 mm) Polypropylene cone type (magnetically shielded) ● **HF Driver** 3/4" (19 mm) Soft dome type (magnetically shielded) ● **Frequency Response** 68Hz to 23kHz (+/-3dB) ● **Crossover Frequency** 2.7kHz (active fourth order) ● **LF Amplifier Power** 40W ● **HF Amplifier Power** 20W ● **Power Supply** AC 117/220/230/240 V (50/60Hz) ● **Power Consumption** 75W ● **Dimensions** 209 (W) x 306.5 (D) x 336 (H) mm (8-1/4" x 12-1/8" x 13-1/4") ● **Weight** 9.7 kg (21 lbs. 7 oz.) ● **Accessories** Owner's Manual, Power Cord ** 0 dBu=0.775 Vrms*

DS-5

Bi-Amp Monitor

- *3/4" x 5" bi-amped speaker combo, 45W power*
- *Superb sound quality with precise imaging and balanced energy output*
- *24-bit digital input with sample-rate support up to 192kHz*
- *Analog and digital inputs, including XLR, coaxial, and optical; AES/EBU and S/PDIF compatible*
- *Improved cabinet with bi-amp circuit; eliminates phase anomalies*
- *Fully compliant with IEC60065 safety standards*

Specifications

● **System** 2-Way Bi-Amplified Monitor ● **Enclosure** Bass-reflex type ● **Cabinet** 1/2" MDF (Baffle: 5/8" MDF) ● **LF Driver** 5-1/4" (130 mm) Polypropylene cone type (magnetically shielded) ● **HF Driver** 3/4" (19 mm) Soft dome type (magnetically shielded) ● **Frequency Response** 78Hz to 23kHz (+/-3dB) ● **Crossover Frequency** 3.3kHz (active fourth order) ● **LF Amplifier Power** 30W ● **HF Amplifier Power** 15W ● **Power Supply** AC 117/220/230/240 V (50/60Hz) ● **Power Consumption** 55W ● **Dimensions** 184 (W) x 267.6 (D) x 295 (H) mm (7-1/4" x 10-9/16" x 11-5/8") ● **Weight** 7.2 kg (15 lbs. 14 oz.) ● **Accessories** Owner's Manual, Power Cord ** 0 dBu=0.775 Vrms*

DM-20
Digital Stereo Micro Monitor

- *Stereo micro monitors with 24-bit/96kHz digital inputs (coaxial and optical)*
- *Powered 2-way bass reflex enclosure with 20W of power per side*
- *Magnetically shielded black wooden cabinet*
- *Independent transformers and power amps for each speaker cabinet*
- *Controls located on front of speaker for easy adjustment*
- *Choice of digital or analog (1/4" and RCA) inputs*

Specifications

● **Rated Power Output** 40W (20W + 20W) ● **Speaker Units** Woofer: 4-3/4" (12 cm) (Magnetically-Shielded), Tweeter: 1-5/8" (4 cm) (Magnetically-Shielded) ● **Frequency Range** 50Hz to 22kHz ● **Nominal Input Level** Line 1: -10dBu, Line 2: -10dBu ● **Input Impedance** 18 kΩ ● **Enclosure** 2-way Bass-reflex type (Wooden Cabinet) ● **Power Supply** AC 117/230/240 V ● **Current Draw** 230 mA (AC 117 V) x2, 120 mA (AC 230 V) x2, 110 mA (AC 240 V) x2 ● **Dimensions** <R Channel> 170 (W) x 261 (D) x 280 (H) mm (6-3/4" x 10-5/16" x 11-1/16", <L Channel> 170 (W) x 256 (D) x 280 (H) mm (6-3/4" x 10-1/8" x 11-1/16") ● **Weight** <R Channel> 4.5 kg (9 lbs. 15 oz.), <L Channel> 4.2 kg (9 lbs. 5 oz.) ● **Accessories** Speaker Cable (RCA pin type), Power Cord, Rubber Foot x 4

** 0 dBu=0.775 Vrms*

DM-10
Digital Stereo Micro Monitor

- *Stereo micro monitors with 24-bit/96kHz digital inputs (coaxial and optical)*
- *Powered 2-way bass reflex enclosure with 10W of power per side*
- *Magnetically shielded black wooden cabinet*
- *Controls located on front of speaker for easy adjustment*
- *Choice of digital or analog (stereo miniature and RCA) inputs*

Specifications

● **Rated Power Output** 20W (10W + 10W) ● **Speaker Unit** Woofer: 3-5/8" (9.2 cm) (Magnetically-Shielded), Tweeter: 2" (5 cm) (Magnetically-Shielded) ● **Frequency Range** 45Hz to 35kHz ● **Nominal Input Level** Line: -10dBu, Stereo: -10dBu ● **Input Impedance** 18 kΩ ● **Enclosure:** 2 way Bass-reflex type (Wooden Cabinet) ● **Power Supply** AC 117/230/240 V ● **Power Consumption** 230 mA (AC 117 V), 120 mA (AC 230 V), 110 mA (AC 240 V) ● **Dimensions** 156 (W) x 197 (D) x 238 (H) mm (6-3/16" x 7-13/16" x 9-3/8") ● **Weight** <R Channel> 3.5 kg (7 lbs. 12 oz.), <L Channel> 2.3 kg (5 lbs. 2 oz.) ● **Accessories** Conversion Cable (stereo miniature phone type <-> RCA pin type), Speaker Cable (RCA pin type), Power Cord

** 0 dBu=0.775 Vrms*

DM-2100
2.1-Channel Speaker System

- *Affordable 2.1-channel monitoring system with 24-bit/96kHz digital inputs*
- *Powered bass reflex speakers with 15W per side and flat frequency response*
- *Active subwoofer with 50W amplifier for increased low end*
- *Front-mounted controls convenient located on right speaker*
- *Coaxial and optical digital inputs, plus analog inputs (RCA and 1/4" type)*
- *Sleek black wooden cabinets with magnetic shielding*

Specifications

● **Rated Output Power** 50W + 15W + 15W ● **Speaker** Subwoofer: 16cm, Satellite Units: 9.2cm ● **Nominal Input Level** Line 1: -10dBu, Line 2: -10dBu ● **Input Impedance** 18 kΩ ● **Power Supply** AC117, 230 or 240 V ● **Dimensions** Satellite Units: 130 (W) x 160 (D) x 200 (H) mm, SubWoofer: 240 (W) x 300 (D) x 330 (H) mm ● **Accessories** Speaker Cables (RCA pin type), Dedicated Cable for power control and audio signal, Power Cable

** 0 dBu=0.775 Vrms*

SA-300
Stage Amplifier

- *Stereo Four-channel portable PA system*
- *Lightweight (easy to carry) yet powerful*
- *Advanced anti-feedback function*
- *Separate reverb/delay effects*
- *Low Boost switch for powerful low-end*
- *Wide Switch for big stereo effect, plus 3-band EQ*
- *Voice Enhancer for clear, strong vocals*
- *Detachable woofer unit for easy transport*
- *Output Power 2.1 system*

● **Top Panel**

● **Rear Panel**

Specifications

● **Output Power** 350W (75W x 2 + 200W) ● **Speaker** 6.5" (16cm) Coaxial Type x 2 (Stereo Part), 12" (30cm) x 1 (Woofer Part) ● **Controls** Channel Section (CH1/2): Input Select Button (Mic, Line), Voice Enhancer Button, Anti-Feedback Button, Anti-Feedback sweep Button, Reverb/Delay Knob, Volume Knob, Channel Section (CH3/4): Input Select Button (Mic, Line), Phantom Switch, Reverb Knob, Volume Knob, Master Section: EQ Knobs (Low/Mid/High), Volume Knob, Phones Knob, Low Boost Button, Wide Button, Power Switch, Line Out Ground Lift Switch ● **Connectors** CH1/2 INPUTS: MIC Connector (XLR/ 1/4" TRS Phone Type), Line L (Mono), R Jack (1/4" Phone Type), CH3/4 INPUTS: MIC Connector (XLR/ 1/4" TRS Phone Type), Line L (Mono), R Jack (1/4" Phone Type), Line L, R Jack (RCA Pin Type), OUTPUTS: Balanced L, R Connector (XLR Type), L (Mono), R Jack (1/4" Phone Type), Phones Jack (Stereo 1/4" Phone Type), Speaker Out Jack (1/4" Phone Type), STEREO LINK: In Jack (1/4" Phone Type), Out L, R Jack (1/4" Phone Type), OTHERS: Anti-Feedback Jack (1/4" Phone Type), EXP PEDAL / REMOTE SW (1/4" TRS Phone Type)

CM-30
CUBE Monitor

- *Ultra-versatile monitor for studio, stage, and more*
- *6.5" coaxial, 2-way speaker with stereo preamp*
- *30-watt output*
- *3 input channels, with one XLR input for mic/line and 2 additional Aux inputs*
- *Stereo Link function for stereo connection between two units, for a total of up to 8 stereo inputs and 2 mono mic/line inputs*
- *Metal grill cover, corner protectors, and handle grip for easy transport*

● **Top Panel**

● **Rear Panel**

Specifications

● **Rated Power Output** 30W ● **Nominal Input Level (1kHz)** Channel 1 (MIC/LINE): -50 to -20dBu, Channel 2, 3 (LINE): -20dBu, AUX IN 1, 2: -10dBu, Stereo Link Input: -10dBu ● **Nominal Output Level** StereoLink Out L, R: -10dBu ● **Speaker** 6.5" (16cm) Coaxial Type ● **Power Supply** AC 117/230/240 V ● **Power Consumption** 32W ● **Dimensions** 214 (W) x 238 (D) x 275 (H) mm (8-7/16" x 9-3/8" x 10-7/8") ● **Weight** 5.6 kg (12 lbs. 6 oz.)

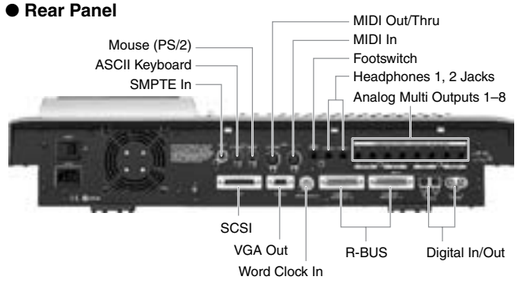
** 0 dBu=0.775 Vrms*

VS-2480CD

Version 2.0

24-track/24-bit/96kHz Digital Studio Workstation

● **Rear Panel**



● **Recording Time**
(at 10GB Partition, conversion in 1 track, unit: minutes)

Recording Mode	Sample Rate 96kHz	88.2kHz	64kHz	48kHz	44.1kHz	32kHz
M24	662	721	993	1,324	1,442	1,987
MTP	1,989	2,165	2,983	3,977	4,329	5,966
M16	994	1,082	1,491	1,989	2,165	2,983
CDR	994	1,082	1,491	1,989	2,165	2,983
MT1	1,989	2,165	2,983	3,977	4,329	5,966
MT2	2,651	2,885	3,976	5,302	5,771	7,953
LIV	3,181	3,462	4,772	6,362	6,925	9,543
LV2	3,977	4,329	5,966	7,955	8,658	11,932

* The above-listed recording times are approximate. Times may vary slightly depending on the specifications of the disk drive and on the number of songs that were created.
* In "CDR" recording mode, two tracks are always used in a pair (channel link is on), so recording time is half the above-listed.

- *Self-contained 24-track/24-bit/96kHz digital recording workstation with onboard effects and CD-burning capabilities*
- *24-track playback; 16-track simultaneous recording with 384 V-Tracks*
- *Includes built-in CD-R/RW and 80GB hard drive**
- *"Drag-and-drop" control using included mouse; also accepts ASCII keyboard (optional)*
- *64-channel, fully automated digital mixer with 17 motorized faders*
- *Professional-quality connections including 8 XLR/16 balanced TRS inputs*
- *2 stereo effects processors (expandable to 8 stereo, 16 mono) including COSM® Mic, Speaker, and Guitar Amp Modeling, plus Mastering Tool Kit*
- *24-voice Phrase Pads for triggering audio from CD*
- *Dual R-BUS ports for expandable I/O in a variety of analog and digital formats; SMPTE and Word Clock input*
- *VGA Video output for intuitive, software-style editing and mouse control*

**Hard drive is not user-replaceable.*

VS-2480DVD

24-track/24-bit/96kHz Digital Studio Workstation

Record, mix, and master world-class, radio-ready productions with Roland's top-of-the-line VS-2480DVD recorder. With its built-in DVD multi-drive, which can store up to 4.7GB per DVD disc, you'll never need to save across multiple CDs again. Add to that 64-track digital mixing, motorized faders, VGA monitor support, and compatibility with the new VS8F-3 Plug-In Effect Expansion Board—which opens the VS platform to the world of plug-in effects—and you have the ultimate V-Studio for producers and songwriters alike.

All specifications are the same as VS-2480CD except DVD multi drive.

Specifications

● **Tracks** Tracks: 24, V-Tracks: 384 (16 V-Tracks per each Track) ● **Sample Rate** 96.0/88.2/64.0/48.0/44.1/32.0kHz * Adjustable range with vari-pitch function, 22.00kHz to 98.00kHz (at 96kHz), 22.00kHz to 50.00kHz (at 48kHz) ● **Max. Simultaneous Recording/Playback Tracks** Sample Rate 48/44.1/32kHz: [16 tr. Rec/16 tr. Play (M24, M16, CDR), 16 tr. Rec/24 tr. Play (MTP, MT1/2, LIV, LV2)], Sample Rate 96/88.2/64kHz [8 tr. Rec/8 tr. Play (M24, M16, CDR), 8 tr. Rec/12 tr. Play (MTP, MT1/2, LIV, LV2)] * Depending on the organization of the song data or the disk drive performance etc., the number of tracks which can be simultaneously recorded or played back may be limited. ● **Max. Useful Capacity** 910GB: 10GB (Capacity) x 13 (Partition) x 7 (Disk Drive) ● **Frequency Response** 96.0kHz: 20Hz to 40kHz (+0dB/-2dB), 88.2kHz: 20Hz to 40kHz (+0dB/-2dB), 48.0kHz: 20Hz to 22kHz (+0dB/-2dB), 44.1kHz: 20Hz to 20kHz (+0dB/-2dB), 32.0kHz: 20Hz to 14kHz (+0dB/-2dB) ● **Projects** 200 projects in each partition ● **Marker** 1000 per project ● **Locator** 100 (10 x 10 banks) per project ● **Scene** 100 (10 x 10 banks) per project ● **Undo/Redo** 999 Undo/1 Redo ● **EQ** 4-band (2 shelving + 2 peaking) * Useful simultaneously at up to 48ch in both Input Mixer and Track Mixer. ● **Dynamics Processor** Compressor, Expander * Useful simultaneously at up to 48ch in both Input Mixer and Track Mixer. Compressor + Expander * Useful simultaneously at up to 24ch in Input Mixer or Track Mixer. * If this type is used at Mixer section, Dynamics cannot be used in the other Mixer. ● **Effects** Max. 8 stereo (One pre-installed + 3 more optional Effect Expansion Boards) ● **Display** 320 x 240 dots Graphic LCD (with backlit) ● **Power Consumption** 80W (AC 117/230/240 V) ● **Dimensions** 620 (W) x 520 (D) x 138 (H) mm (24-3/8" x 20-1/2" x 5-7/16") ● **Weight** 13.4 kg (29 lbs. 9 oz.) ● **Accessories** Demo CD, PS/2 Mouse, Short Cut Seal, AC Cord ● **Options** Effect Expansion Board (VS8F-2, VS8F-3), Dynamic Microphone, R-BUS Cable, Footswitch (FS-5U), Pedal Switch (DP-2)
<Slim DVD MULTI Drive Built-in Type> ● **Read speed** DVD-ROM: Max 8X CAV, CD-ROM: Max 24X CAV ● **Maximum Write speed** CD-R: Max16X Zone CLV, CD-RW: 4X CLV, High Speed CD-RW: 8XCLV, DVD-R: 2XCLV, DVD-RW: 1XCLV ● **Support Buffer Underrun Free Recording (SmoothLink™)** ** 0 dBu=0.775 Vrms*

VS-2400CD

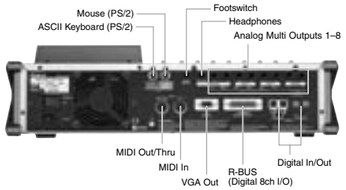
24-track/96kHz/24-bit Digital Studio Workstation

- *Self-contained 24-track/24-bit/96kHz recording workstation with onboard effects, built-in CD-RW drive, and 40GB hard disk*1*
- *24-track playback; 16-track simultaneous recording*2 with 384 V-Tracks*
- *48-channel, fully automated digital mixer with 13 motorized faders*
- *8 XLR/TRS balanced inputs and Hi-Z input; 8 analog outputs including 5.1 Surround output; R-BUS and digital I/O*
- *Intuitive software-style control via mouse and VGA monitor output*
- *New RSS® surround panning creates a 3-Dimensional mixing field*
- *Import .WAV/AIFF files from CD-ROM; export in .WAV format*
- *V-LINK function for synchronizing or controlling Edirol video equipment (sold separately)*

**1 Hard drive is not user-replaceable.*

**2 16-track simultaneous recording requires optional 8-channel R-BUS device.*

● **Rear Panel**



● **Recording Time** (at 10GB Partition, conversion in 1-track, unit: minutes)

Recording Mode	Sample Rate 96kHz	88.2kHz	64kHz	48kHz	44.1kHz	32kHz
M24	658	716	987	1,316	1,433	1,975
MTP	1,977	2,152	2,966	3,954	4,305	5,932
M16	988	1,076	1,483	1,977	2,152	2,966
CDR	988	1,076	1,483	1,977	2,152	2,966
MT1	1,977	2,152	2,966	3,954	4,305	5,932
MT2	2,635	2,866	3,953	5,271	5,732	7,907
LIV	3,163	3,442	4,744	6,326	6,885	9,489
LV2	3,954	4,304	5,932	7,909	8,609	11,864

* The above-listed recording times are approximate. Times may vary slightly depending on the specifications of the disk drive and on the number of songs that were created.
* In "CDR" recording mode, two tracks are always used in a pair (channel link is on), so recording time is half the above-listed.
* Maximum recording time of VS-2400CD is approximately four times of above recording time. (10GB x 4 Partitions)

Specifications

● **Tracks** Tracks: 24, V.Tracks: 384 (16-V.Tracks per each Track) ● **Sample Rate** 96.0/88.2/64.0/48.0/44.1/32.0kHz *Adjustable range with vari-pitch function, 22.00kHz – 98.00kHz (at 96kHz), 22.00kHz – 50.00kHz (at 48kHz) ● **Recording Mode** Mastering 24-bit/16-bit (M24/16), Multitrack Pro (MTP), CD Writing (CDR), Multitrack 1/2 (MT1/2), Live 1/2 (LIV/LIV 2) ● **Max. Simultaneous Recording/play back Tracks** <Sample Rate 48/44.1/32kHz> 16-tr. Rec/16-tr. Play (M24/16, CDR), 16-tr. Rec/24-tr. Play (MTP, MT1/2, LIV/LIV 2) <Sample Rate 96/88.2/64kHz> 8-tr. Rec/8-tr. Play (M24/16, CDR) 8-tr. Rec/12-tr. Play (MTP, MT1/2, LIV/LIV 2) * Depending on the organization of the song data etc., the number of tracks which can be simultaneously recorded or played back may be limited. ● **Max. Useful Capacity** 40GB: 10GB (Capacity) x 4 (Partition) ● **Projects** 200 projects in each partition ● **Marker** 1000 per project ● **Locator** 100 (10 x 10 banks) per project ● **Scene** 100 (10 x 10 banks) per project ● **Undo/Redo** 999 Undo/1 Redo ● **EQ** 4-band (2 shelving + 2 peaking) *Useful simultaneously at up to 32ch in both Input Mixer and Track Mixer. (at 48kHz or less.) *Useful simultaneously at up to 16ch in both Input Mixer and Track Mixer. (at 64kHz or above.) ● **Dynamics Processor** Compressor, Expander *Useful simultaneously at up to 32ch in both Input Mixer and Track Mixer. (at 48kHz or less.) *Useful simultaneously at up to 16ch in both Input Mixer and Track Mixer. (at 64kHz or above.) ● **Effects** Max. 4 stereo (One pre-installed + One more optional Effect Expansion Board) ● **Hard Disk Drive** IDE type 3.5" 40GB ● **CD-RW Drive** Reading Speed: 24x (max.), Recording Speed: Record (CD-R) 4x correspond, Re-Write (CD-RW) 4x correspond ● **Power Consumption** 60W (AC117/230/240 V) ● **Dimensions** 480 (W) x 481 (D) x 136 (H) mm (18-15/16" x 18-15/16" x 5-3/8") ● **Weight** 10.5 kg (23 lbs. 3 oz.) ● **Accessories** R-BUS Equipment Connection and Setting Guide 2, Block diagram, Demo CD, CD-R Disc, PS/2 Mouse, Shortcut Seal, AC Cord ● **Options** Effect Expansion Board (VS8F-2, VS8F-3), Dynamic Microphone, R-BUS Cable, Footswitch (FS-5U), Pedal Switch (DP-2) ** 0 dBu=0.775 Vrms*

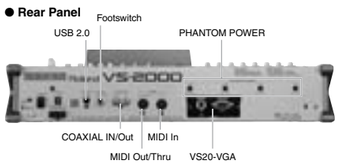
VS-2000CD

Digital Studio Workstation

- *20-track digital studio with 40GB hard drive*, CD-RW drive, and plug-in support*
- *18 playback tracks, 320 V-Tracks, and stereo mastering track*
- *Support for 24-bit and 16-bit recording at 44.1kHz*
- *Eight balanced XLR/TRS inputs with phantom power*
- *40-channel digital mixer with channel dynamics and 4-band EQ, onboard effects, and mastering tools*
- *New Harmony Sequence function adds realistic harmonies to vocals*
- *3rd-party plug-in support with optional VS8F-3 Effect Expansion Boards*
- *USB 2.0 for hi-speed data transfer, WAV/AIFF import, WAV export*

** Hard drive is not user-replaceable.*

● **Rear Panel**



** Shown with the optional VS20-VGA VGA/Mouse Expansion.*

● **Option**

VS20-VGA

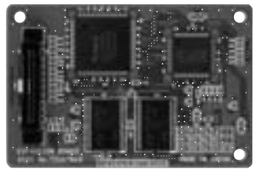
VS-2000 VGA/Mouse Expansion

Specifications

● **Tracks** Tracks: 18 + 2 Master Tracks, V-Tracks: 320 (16 V-Tracks per each Track) ● **Sample Rate** 44.1kHz ● **Recording Mode** Linear 24-bits (M24), Linear 16-bits (M16), CD Writing (CDR) **Master tracks only* ● **Max. Simultaneous Recording/Playback Tracks** 8 tr. Rec/18 tr. Play (M16), 8 tr. Rec/12 tr. Play (M24) **Depending on the organization of the song data, the disk drive performance, etc., the number of tracks that can be simultaneously recorded or played back may be limited.* ● **Internal Hard Disk Drive Capacity** 40GB ● **Recording Time (10GB Partition, calculated for 1 track)** 1,340 min. (M24), 2,020 min. (M16) *The above-listed recording times are approximate. Times may varies slightly depending on the specifications of the disk drive and the number of songs that were created. *Maximum recording time of VS-2000CD is approximately 4 times of above recording time. (approximately 10GB x 4 partitions) ● **Frequency Response** 20Hz—20kHz (+0dB/-2dB) ● **Projects** 200 projects in each partition ● **Marker** 1000 per project ● **Locator** 96 (16 x 6 banks) per project ● **Scene** 96 (16 x 6 banks) per project ● **Undo/Redo** 999 Undo/1 Redo ● **EQ** 4-band (2 shelving + 2 peaking) ● **Dynamics Processor** Compressor, Expander ● **Effects** Maximum 6 stereo (One pre-installed + 2 more optional Effect Expansion Boards) ● **Interface** Digital I/O: Coaxial (conforms to IEC60958), MIDI: 5-pin DIN, USB: USB2.0 Mass Storage ● **Hard Disk Drive** 3.5-inch, 40GB ● **CD-RW Drive** Reading Speed: 24x (max.), Recording Speed: Supports 4x speed writing (CD-R), Supports 4x speed rewriting (CD-RW) ● **Power Supply** DC 12 V (AC Adaptor) ● **Current Draw** 3.6A ● **Dimensions** 466 (W) x 369 (D) x 118 (H) mm (18-3/8" x 14-9/16" x 4-11/16") ● **Weight** 6.7 kg (14 lbs. 13 oz.) ● **Accessories** Owner's Manual, Appendices, Mixer Block diagram, Application Software CD (VS-2000 Wave Converter), Short Cut Seal, Power Cord, AC Adaptor (PSB-3U) ● **Options** Effect Expansion Boards: (VS8F-2, VS8F-3), Foot Switch: FS-5U (BOSS), Pedal Switch: DP-2 ** 0 dBu=0.775 Vrms*

VS8F-3
Plug-In Effect Expansion Board

The best of computer-based recording comes to the standalone digital recording world! Now you can add plug-ins to your Roland VS-series digital recorders with the groundbreaking new VS8F-3 Plug-In Effect Expansion Board (for VGA-equipped recorders only). Each VS8F-3 board is capable of loading two high-quality plug-ins at a time. Five plug-ins are provided free of charge from Roland, and you can purchase others from a selection of the world's best 3rd-party plug-ins. The sound quality is world-class, thanks to 56-bit internal processing and up to 96kHz resolution.



- *Open platform card adds powerful plug-in processing to the latest V-Studios*
- *Superb sound quality: 56-bit processing and up to 96kHz sampling rate*
- *Runs two stereo (four mono) plug-ins at 48kHz or one stereo (two mono) plug-in(s) at 96kHz*
- *Includes five Roland plug-ins, plus support for optional 3rd-party plug-ins*
- *Install up to two plug-ins per card*
- *Compatible with VS-2000CD/2400/2480 series recorders; also supports VS-1680/1880/1824 models with CD-ROM drive*

Roland VS Plug-Ins

Each VS8F-3 indudes five Roland plug-ins that can be installed from a CD-ROM included in the box.

● STEREO REVERB

A brand new, true Stereo Reverb from Roland. Great for giving your drums and vocals a rich spatial effect, or will processing stereo-mic'ed tracks such as background vocals, or overhead drum mics. There effect has a compressor in front of the reverb to let you tailor the 56-bit processor just the way you want it.

● TEMPO MAPPING EFFECT

The Tempo-Mapping Effect will let you sync a delay to the tempo of your song. This is a great effect for dance or other heavily rhythmic forms of music. It can be used as a stereo insert or even in a dual-mono mode.

● PRE-AMP MODELING

The Pre-amp Modeling effect gives you more options for warming up your vocals and acoustic instruments. Use one of the preset models of some of the most popular current mic pres, or create your own. It also includes a 56-bit compressor/expander, 4 bands of EQ, and de-esser for use with vocals.

● MASTERING TOOL KIT

This enhanced version of the very popular Mastering Tool kit has multi-band dynamics and lots of other tools. Two of these new MTKs can be loaded at the same time in one VS8F-3, each with independent parameters. So one card can run up to 2 stereo or 4 mono MTK presets. This new flexibility makes the new MTK great for recording stereo tracks like pianos or background vocals that require multi-band dynamics and EQ.

● VOCAL CHANNEL STRIP

This is a brand new Vocal Channel Strip including a Compressor/Expander, Enhancer/De-esser, EQ, Pitch-Shifter, Chorus, and Delay.

VS8F-2
Effect Expansion Board

COSM

Roland Sound Space

- *User-installable effects expansion board which gives VM-7200/7100 and VS-2480CD/2480DVD/2400CD/2000CD/1824CD owners two stereo multi-effects processors*
- *Includes a variety of studio reverbs, delays, and chorus effects as well as innovative new effects such as Speaker Modeling*
- *Up to three boards can be installed into the VM-7200/7100, yielding eight stereo or 16 mono effects.*
- *Up to three boards can be installed into the VS-2480CD/2480DVD for a total of 8 stereo or 16 mono channels of automated effects processing*

3rd-Party VS Plug-Ins™

Making news and winning awards around the world is Roland's groundbreaking VS8F-3 Plug-In Expansion Board for VS recorders. It's a best-of-both-worlds platform, as you get the stability of standalone digital recording with the expandability and power of software plug-ins. Each VS8F-3 board is capable of loading up to two high-quality plug-ins from Roland, or from 3rd-party developers (available separately from Roland). And not just for new VS recorders, the VS8F-3 is compatible with the VS-1680/-1880/-1824CD models as well!

ANTARES
WHERE THE FUTURE'S STILL WHAT IT USED TO BE

Auto-Tune VS

Auto-Tune VS corrects intonation problems in vocals or solo instruments in real time, without distortion or artifacts, while preserving all of the expressive nuances of the original performance. Use preset scales or create custom scales to match any harmonic structure.

IK MULTIMEDIA

T-RackS VS

T-RackS VS is the premiere analog mastering software suite, offering all the necessary tools for professional mastering. The processing, including EQs and Dynamics, is based on physically modeled analog sounds from rare vintage hardware mastering equipment. This high quality processing makes T-RackS very easy to use and results in highly professional-sounding mixes.

Massenburg DesignWorks

Hi-Resolution Parametric EQ

This 4-band EQ using Hi-Resolution technology gives professionals a precision EQ with analog smoothness.
The new MDW parametric EQ for Roland VS-Series is a Double Precision plug-in with unprecedented clarity, fast response, and superlative smoothness, especially in the high frequency audio spectrum.

mDSP

Chrome Tone Amp

From guitars to keyboards, drums and even voice, Chrome Tone Amp brings the world of custom guitar amps and boutique pedal effects to your V-Studio. Chrome Tone Amp features a 5-stage distortion and a unique bandpass distortion for creative non-traditional applications. Chrome Tone Amp also has full-featured compression, gating, 3-band EQ, spring reverb, and a multi configuration cabinet simulator with close and room mic positions.

soundtoys™
AUDIO WITH ATTITUDE

SoundBlender VS

SoundBlender brings professional studio-quality pitch shifting effects to the Roland VS platform. Perfect for the guitarist, SoundBlender has two channels of intelligent pitch-shifting, dual resonant filters, echo and reverse echo processors, arpeggiation, and more.

t.c. electronic®
ULTIMATE SOUND MACHINES

TCR 3000 Pro Class Reverb

The T.C.Electronic TCR 3000 delivers 16 of T.C.'s finest reverbs. The dedicated controls and 100 great sounding presets help you achieve your desired sound in seconds.The reverb algorithms include Classic Hall, Vocal Studio, Room, Drum Box, Cathedral, and more with easy-to-use but sophisticated controls for customizing the sound.

UNIVERSAL AUDIO

VS-LA2A

Designed by the same manufacturer of the classic hardware version, the VS-LA2A is an exacting emulation of the original, putting this legendary compressor in your V-Studio. And operation is simple, thanks to a dedicated Limit/Compress switch and Input/Peak Reduction knobs.

VS-1176LN

This software version of Universal Audio's classic limiting amplifier offers ultra-fast attack time and analog warmth, perfect for a variety of dynamics processing applications. Like the original, the VS-1176LN supports the popular "All Buttons" mode.

Compressor Bundle

The bundle package (VS-LA2A+VS-1176LN) from Universal Audio is also available.

AT-90SL
Atelier®

Roland Sound Space

- *56-note upper manual with aftertouch, 76-note lower manual, 25-note wooden pedalboard, 256-voice polyphony*
- *6 full-range speakers, 1 woofer, 4 tweeters for outstanding sound; total 240W rated power output*
- *421 high-quality organ and instrument voices, 252 "live drum" rhythm patterns*
- *Full-color LCD touch screen with intuitive, user-friendly menus*
- *Onscreen Digital Harmonic Bar for Flute, Theater, and Pipe, with Footage and Footage Type buttons on top of the panel*
- *More than 4,000 onboard presets with One-Touch Program*
- *Enhanced Music Assistant function with 2,200 settings and search feature*
- *24 Harmony Intelligence settings, 188 Quick Registrations*
- *7-track recorder and 3.5" floppy disk drive for full Atelier compatibility*

GENERAL midi2 · GS · XG XGlite · SMF LYRICS · ism

Specifications

● **Manuals** Upper 56, Lower 76 ● **Pedalboard** 25 ● **Voices** 421 ● **Music Styles** 252 ● **Number of Accompaniment/SMF play voices** 226 ● **Drum/SFX Sets** 18 Drum Sets+1 SFX Set ● **Manual Percussion Sets** 14 sets ● **Effects** Rotary Sound, RSS Reverb, Sustain, Glide, Pitch Bend, Vibrato, Lower Voice Hold ● **Registration Memories** 12 ● **Composer** Tracks: 7 ● **Disk drive** 3.5" FDD ● **Rated Power Output** 10W + 10W + 60W + 60W + 100W (low-range) ● **Speakers** 5 cm x 4, 8 cm x 2, 16 cm x 4, 30 cm x 1 ● **Display** Graphic 320 x 240 dots backlit color LCD with touch screen ● **Pedal** Expression Pedal (ready for the Active Expression feature), Damper pedal ● **Connectors** Phones jack (stereo), Audio Output jacks (L/mono, R), Aux Out jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic Input jack, MIDI connectors (In, Out), Computer connector, Video Out, AC Inlet ● **Power Consumption** 380W (AC 117/230/240 V) ● **Finish** Dark Walnut ● **Dimensions (incl. stand)** 1,374 (W) x 999 (D) x 1,349 (H) mm (54-1/8" x 39-3/8" x 53-1/8") ● **Weight (incl. stand)** 193.6 kg (426 lbs. 13 oz.) ● **Accessories** 3.5" micro floppy disk (2HD blank disk), Music Style Disk x 3, Power Cord, Pedalboard, Bench

AT-80SL
Atelier®

Roland Sound Space

- *56-note upper manual with aftertouch, 76-note lower manual, 20-note pedalboard, 192-voice polyphony*
- *6 full-range speakers, 1 woofer total 240W rated power output*
- *Over 3,500 presets with One-Touch Program, 421 high-quality organ and instrument voices, 222 "live drum" rhythm patterns,18 Harmony Intelligence settings, 188 Quick Registrations*
- *Full-color LCD touch screen with intuitive, user-friendly menus*
- *Onscreen Digital Harmonic Bar for Flute option*
- *Music Assistant function with 1,800 settings and search feature*
- *7-track recorder and 3.5" floppy disk drive*

GENERAL midi2 · GS · XG XGlite · SMF LYRICS · ism

Specifications

● **Manuals** Upper 56, Lower 76 ● **Voices** 421 ● **Music Styles** 222 ● **Number of Accompaniment/SMF play voices** 226 ● **Drum/SFX Sets** 18 Drum Sets+1 SFX Set ● **Effects** Rotary Sound, Chorus, Sustain, Vibrato, Pitch Bend, Glide, RSS Reverb ● **Registration Memories** 12 ● **Composer** Tracks: 7 ● **Disk Drive** 3.5" FDD ● **Rated Power Output** 10W + 10W + 60W + 60W + 100W (low-range) ● **Speakers** 8 cm x 2, 16 cm x 4, 30 cm x 1 ● **Display** Graphic 320 x 240 dots backlit color LCD with touch screen ● **Pedals** Expression Pedal (ready for the Active Expression feature), Damper pedal ● **Connectors** Phones jack (stereo), Audio Output jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic Input jack, MIDI connectors (In, Out), Computer connector, AC Inlet, Aux Out jack, Video Out jack ● **Power Consumption** 340W (AC 117/230/240 V) ● **Finish** Dark Walnut/Oak ● **Dimensions (incl. stand)** 1,350 (W) x 649 (D) x 1,328 (H) mm (53-3/16" x 25-9/16" x 52-5/16") ● **Weight (incl. stand)** 128.5 kg (283 lbs. 5 oz.) ● **Accessories** 3.5" micro floppy disk (2HD blank disk), Music Style Disk x 3, Power Cord ● **Option** Bench (BNC-60, BNC-60-AK)

AT-60SL
Atelier®

- *56-note upper manual with aftertouch sensitivity, 76-note lower manual, 20-note pedalboard, 128-voice polyphony*
- *4 full-range speakers; total 80W rated power output*
- *Over 2,900 onboard presets with One-Touch Program, 295 high-quality organ and instrument voices, 182 "live drum" rhythm patterns, 12 Harmony Intelligence settings, 108 Quick Registrations*
- *Full-color LCD touch screen with intuitive, user-friendly menus*
- *Music Assistant function with 1,400 settings and search feature*
- *7-track recorder and 3.5" floppy disk drive*

GENERAL midi2 · GS · XG XGlite · SMF LYRICS · ism

Specifications

● **Manuals** Upper 56, Lower 76 ● **Voices** 295 ● **Music Styles** 182 ● **Number of Accompaniment/SMF play voices** 226 ● **Drum/SFX Sets** 16 Drum Sets + 1 SFX Set ● **Effects** Rotary Sound, Chorus, Sustain, Vibrato, Pitch Bend, Glide, Reverb ● **Registration Memories** 8 ● **Composer** Tracks: 7 ● **Disk Drive** 3.5" FDD ● **Rated Power Output** 40W + 40W ● **Speakers** 8 cm x 2, 25 cm x 2 ● **Display** Graphic 320 x 240 dots backlit color LCD with touch screen ● **Pedals** Expression Pedal (ready for the Active Expression feature), Damper pedal ● **Connectors** Phones jack (stereo), Audio Output jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic Input jack, MIDI connectors (In, Out), Computer connector, AC Inlet ● **Power Consumption** 130W (AC 117/230/240 V) ● **Finish** Satin Mahogany ● **Dimensions (incl. stand)** 1,338 (W) x 649 (D) x 1,316 (H) mm (52-11/16" x 25-9/16" x 51-13/16") ● **Weight (incl. stand)** 109.0 kg (240 lbs. 5 oz.) ● **Accessories** 3.5" micro floppy disk (2HD blank disk), Music Style Disk x 3, Power Cord ● **Option** Bench (BNC-60)

AT-45
Atelier®

- *Mid-range Atelier Spinet organ with built-in full-range sound system and reverb*
- *185 high-quality organ and instrument sounds*
- *110 music styles (most featuring "live-drums"), 880 One Touch programs*
- *Music Assistant function with 1,000 settings and search feature*
- *Extended 64-note lower manual with Split function*
- *Built-in floppy drive for exchanging data with other AT models*
- *Intuitive color touchscreen with score/lyric display, plus V-LINK*

GENERAL midi2 · GS · XG XGlite · SMF LYRICS · ism

Specifications

● **Manuals** Upper 49, Lower 64 ● **Pedalboard** 20 ● **Voices** 185 ● **Music Styles** 110 ● **Number of Accompaniment/SMF play voices** 226 ● **Drums/SFX Sets** 12 Drum sets + 1 SFX set ● **Effects** Rotary Sound, Reverb, Sustain, Glide, Pitch Bend, Vibrato, Lower Voice Hold ● **Registration Memories** 8 ● **Composer** Tracks: 7 ● **Disk drive** 3.5" FFD ● **Rated Power Output** 35W + 35W ● **Speaker** 25 cm x 2 ● **Display** Graphic 320 x 240 dots backlit LCD with touch screen (Color) ● **Pedals** Damper pedal, Expression Pedal ● **Connectors** Phones jack (Stereo) x 2, AC Inlet, Pedal connectors, MIDI connectors (In, Out), Audio Output jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic jack ● **Power Consumption** 120W (AC 117/230/240 V) ● **Finish** Satin Mahogany ● **Dimensions (incl. stand)** 1,242 (W) x 570 (D) x 1,225 (H) mm (48-15/16" x 22-1/2" x 48-1/4") ● **Weight (incl. stand)** 84.0 kg (185 lbs. 3 oz.) ● **Accessories** Voice and Rhythm List, Power Cord, 3.5" micro floppy disk (2HD Blank Disk), Music Style Disk, World Style Disk ● **Option** Bench (BNC-15)

AT-15
Atelier®

- *Atelier organ with 49-key upper manual, 61-key lower manual, and 20-key pedalboard*
- *Authentic rhythm patterns recorded by professional drummers*
- *3.5" floppy drive for loading Standard MIDI Files, etc.*
- *8 Registration memories, plus Split function for playing duos*
- *One Touch Program provides auto-accompaniment in various styles*
- *High-quality Reverb effect and Harmony Intelligence function*

GENERAL midi2 · GS · XG XGlite · SMF LYRICS · ism

Specifications

● **Manuals** Upper: 49 Lower: 61 Pedalboard: 20 ● **Voices** 108 (incl. 4 Active Expression voices) ● **Number of Accompaniment/SMF Play Voices** 226 ● **Drum/SFX Sets** 8 Drum Sets / 1 SFX Set ● **Effects** Rotary Sound, Reverb, Glide, Sustain ● **Music Styles** 62 (in 8 categories, Overwritable Styles: 4) ● **Registration** Memories: 8 ● **Composer** Tracks: 7 (playback) ● **Disk Drive** 3.5" FDD ● **Display** 16 characters x 2 lines (backlit LCD), Bouncing Beat Indicator ● **Rated Power Output** 20W x 2 ● **Speakers** 6" (16 cm) x 2 (Full Range) ● **Pedals** Expression (ready for the Active Expression feature), Damper, Two foot switches (assignable) ● **Connectors** AC inlet, Headphones (stereo), Audio Output (L/Mono, R), Audio Input (L/Mono, R), MIDI (In, Out) ● **Power Consumption** 65W (AC 117/230/240 V) ● **Finish** Simulated Mahogany ● **Dimensions** (incl. stand) 1,230 (W) x 515 (D) x 1,060 (H) mm (48-7/16" x 20-5/16" x 41-3/4") ● **Weight** (incl. stand) 49 kg (108 lbs. 1 oz.) ● **Accessories** 3.5" floppy disk (blank disk), Music Style disk, Cloth Keyboard Cover ● **Option** Bench (BNC-15)

KR-17M
KR-Intelligent Grand

DigiScore · Touch the Notes · VGA out · Active Acoustics · Surround

- *Progressive Hammer-Action Keyboard with Escapement and 128-voice polyphony*
- *Automatic Keyboard Movement — put a "player piano" in your living room!*
- *Rich, vibrant sound thanks to stereo sampling and Active Acoustic™ feature*
- *Advanced 3D Surround re-creates the feel of playing in a live band*
- *Helpful Music Assistant for auto-accompaniment setup and DigiScore® touchscreen with score and lyric display*
- *Versatile CD drive with handy remote control system*
- *Can be connected to external display or TV monitor* for easier viewing*
- *Luxurious, deep polished ebony finish*

**Requires commercially available PC-to-TV scan converter. TV monitor must be equipped with video input jack.*

■ KR-17M-PE (Piano Stand Included)

● Automatic Keyboard Movement

● Built-in CD Drive

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with Escapement) ● **Keyboard Modes** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums/SFX ● **Moving Key** Yes ● **Max. Polyphony** 128 ● **Tones** 691 tones in 6 groups (incl. 16 drum sets, 2 SFX sets) ● **Effects** Reverb (16 types / 127 levels), Chorus (8 types / 127 levels), Sympathetic Resonance, Rotary and 45 other types, Advanced 3D with Surround, Physical Damper Simulation (Advanced Resonance) ● **Equalizer** 5 bands, Master level ● **Music Styles** 6 groups 231 styles x 4 types (Style Orchestrator) ● **Music Assistant** Over 140 sets x 4 presets ● **Programmable Music Styles** Style Converter/Style Composer ● **Melody Intelligence** 24 types ● **Composer** Tracks: 5 tracks / 16 tracks, Song: 1 song ● **Recording Method** Realtime (Replace, Mix, Auto/Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Other Functions** Touch the Notes, Replay, Select Various Tones, Song Stylist, Session Partner, Wonderland/Game, Quick Tour, Audition, Panel Lock ● **Disk Drive** 3.5" FDD ● **CD Drive** (Read Only) Playable Disc: Audio CD (CD-DA), Data CD (SMF) ● **Internal Songs** Over 170 songs ● **Rated Power Output** 70W x 4 ● **Speakers** 8" (20 cm) x 2, 6" (16 cm) x 2, 3" (8 cm) x 2, 2" (5 cm) x 2 ● **Languages** English/Japanese/Germany/French/Spanish ● **Lyrics** Yes (built-in, external display, MIDI output) ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, 36 functions assignable), Sostenuto Pedal (36 functions assignable) ● **Vocal Effects** Echo, Voice Transformer, Vocal Keyboard, Harmonist ● **Connectors** Output (L/Mono, R), AUX Output (L/Mono, R), Input (L/Mono, R), Mic Input, Headphones (Stereo) x 2, MIDI (In, Out), Computer Connector, Pedal Connector (8-pin DIN type), Expression Pedal, Ext Display Connector (15-pin D-Sub type) ● **Power Consumption** 330W (AC 117/230/240 V) ● **Cabinet Finish** Polished Ebony ● **Dimensions** (Lid closed) 1,502 (W) x 1,580 (D) x 1,000 (H) mm (59-3/16" x 62-1/4" x 39-3/8"), (Lid opened) 1,502 (W) x 1,580 (D) x 1,773 (H) mm (59-3/16" x 62-1/4" x 69-13/16") ● **Weight** (incl. the piano stand) 230 kg (507 lbs.) ● **Accessories** Roland 60 Classical Piano Masterpieces, CD (Music Data Disc with vocals), Power cord, Maintenance Kit, Keyboard Cover, Remote Control, Dry-cell Batteries

KR-15M
KR-Intelligent Grand

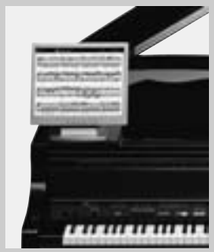
DigiScore · Touch the Notes · VGA out · Surround

- *Progressive Hammer-Action Keyboard with Escapement and 128-voice polyphony*
- *Automatic Keyboard Movement — put a "player piano" in your living room!*
- *Exceptionally realistic stereo-sampled piano sounds*
- *Advanced 3D Surround re-creates the feel of playing in a live band*
- *Helpful Music Assistant for auto-accompaniment setup and DigiScore® touchscreen with score and lyric display*
- *Versatile CD drive with handy remote control system*
- *Can be connected to external display or TV monitor* for easier viewing*
- *Luxurious, deep polished ebony finish*

**Requires commercially available PC-to-TV scan converter. TV monitor must be equipped with video input jack.*

■ KR-15M-PE (Piano Stand Included)

● Handy Remote control



● External display capability

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with Escapement) ● **Keyboard Modes** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums/SFX ● **Moving Key** Yes ● **Max. Polyphony** 128 ● **Tones** 691 tones in 6 groups (incl. 16 drum sets, 2 SFX sets) ● **Effects** Reverb (16 types / 127 levels), Chorus (8 types / 127 levels), Sympathetic Resonance, Rotary and 45 other types, Advanced 3D with Surround, Physical Damper Simulation (Advanced Resonance) ● **Equalizer** 5 bands, Master level ● **Music Styles** 6 groups 228 styles x 4 types (Style Orchestrator) ● **Music Assistant** Over 140 sets x 4 presets ● **Programmable Music Styles** Style Converter/Style Composer ● **Melody Intelligence** 24 types ● **Composer** Tracks: 5 tracks / 16 tracks, Song: 1 song ● **Recording Method** Realtime (Replace, Mix, Auto/Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Other Functions** Touch the Notes, Replay, Select Various Tones, Song Stylist, Session Partner, Wonderland/Game, Quick Tour, Audition, Panel Lock ● **Disk Drive** 3.5" FDD ● **CD Drive** (Read Only) Playable Disc: Audio CD (CD-DA), Data CD (SMF) ● **Internal Songs** Over 170 songs ● **Rated Power Output** 70W x 2 ● **Speakers** 8" (20 cm) x 2, 2" (5 cm) x 2 ● **Languages** English/Japanese/Germany/French/Spanish ● **Lyrics** Yes (built-in, external display, MIDI output) ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, 36 functions assignable), Sostenuto Pedal (36 functions assignable) ● **Vocal Effects** Echo, Voice Transformer, Vocal Keyboard, Harmonist ● **Connectors** Output (L/Mono, R), AUX Output (L/Mono, R), Input (L/Mono, R), Mic Input, Headphones (Stereo) x 2, MIDI (In, Out), Computer Connector, Pedal Connector (8-pin DIN type), Expression Pedal, Ext Display Connector (15-pin D-Sub type) ● **Power Consumption** 260W (AC 117/230/240 V) ● **Cabinet Finish** Polished Ebony ● **Dimensions** (Lid closed) 1,465 (W) x 938 (D) x 912 (H) mm (57-11/16" x 36-15/16" x 35-15/16"), (Lid opened) 1,465 (W) x 938 (D) x 1,431 (H) mm (57-11/16" x 36-15/16" x 56-3/8") ● **Weight** 225 kg (497 lbs.) ● **Accessories** Roland 60 Classical Piano Masterpieces, CD (Music Data Disc with vocals), Power cord, Maintenance Kit, Keyboard Cover, Remote Control, Dry-cell Batteries

KR-15
KR-Intelligent Grand

DigiScore · Surround · Touch the Notes · VGA out

- *Progressive Hammer-Action Keyboard with Escapement and 128-voice polyphony*
- *Exceptionally realistic stereo-sampled piano sounds*
- *Advanced 3D Surround re-creates the feel of playing in a live band*
- *DigiScore® display with color touchscreen and score display*
- *Touch the Notes function makes practice fun and effective*
- *Helpful Music Assistant for auto-accompaniment setup*
- *Can be connected to external display or TV monitor* for easier viewing*

**Requires commercially available PC-to-TV scan converter. TV monitor must be equipped with video input jack.*

■ KR-15-PE (Piano Stand Included)

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with Escapement) ● **Keyboard Modes** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums/SFX ● **Max. Polyphony** 128 ● **Tones** 691 tones in 6 groups (incl. 16 drum sets, 2 SFX sets) ● **Effects** Reverb (16 types / 127 levels), Chorus (8 types / 127 levels), Sympathetic Resonance, Rotary and 45 other types, Advanced 3D with Surround, Physical Damper Simulation (Advanced Resonance) ● **Equalizer** 5 bands, Master level ● **Music Styles** 6 groups 228 styles x 4 types (Style Orchestrator) ● **Music Assistant** Over 140 sets x 4 presets ● **Programmable Music Styles** Style Converter/Style Composer ● **Melody Intelligence** 24 types ● **Composer** Tracks: 5 tracks / 16 tracks, Song: 1 song ● **Recording Method** Realtime (Replace, Mix, Auto/Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Other Functions** Touch the Notes, Replay, Select Various Tones, Song Stylist, Session Partner, Wonderland/Game, Quick Tour, Audition, Panel Lock ● **Disk Drive** 3.5" FDD ● **Internal Songs** Over 170 songs ● **Rated Power Output** 70W x 2 ● **Speakers** 8" (20 cm) x 2, 2" (5 cm) x 2 ● **Languages** English/Japanese/Germany/French/Spanish ● **Lyrics** Yes (built-in, external display, MIDI output) ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, 36 functions assignable), Sostenuto Pedal (36 functions assignable) ● **Vocal Effects** Echo, Voice Transformer, Vocal Keyboard, Harmonist ● **Connectors** Output (L/Mono, R), AUX Output (L/Mono, R), Input (L/Mono, R), Mic Input, Headphones (Stereo) x 2, MIDI (In, Out), Computer Connector, Pedal Connector (8-pin DIN type), Expression Pedal, Ext Display Connector (15-pin D-Sub type) ● **Power Consumption** 180W (AC 117/230/240 V) ● **Cabinet Finish** Polished Ebony (KR-15-PE) ● **Dimensions** (Lid closed) 1,465 (W) x 938 (D) x 912 (H) mm (57-11/16" x 36-15/16" x 35-15/16"), (Lid opened) 1,465 (W) x 938 (D) x 1,431 (H) mm (57-11/16" x 36-15/16" x 56-3/8") ● **Weight** (incl. the piano stand) 110 kg (243 lbs.) ● **Accessories** Roland 60 Classical Piano Masterpieces, Power cord, Maintenance Kit, Keyboard Cover

KR-11
KR-Intelligent Grand

- *New Weighted Hammer-Action Keyboard and 64-voice polyphony*
- *Stereo-sampled piano sounds with onboard effects including chorus, reverb, rotary and more*
- *Helpful Music Assistant for auto-accompaniment setup*
- *16-track sequencer with "minus-one" playback and SMF lyric display*
- *Built-in 3.5" floppy disk drive; easy-to-read backlit LCD*
- *Powerful sound system with four built-in speakers*
- *Elegant polished ebony finish*

■ KR-11-PE (Piano Stand Included)

Specifications

● **Keyboard** 88 keys (Weighted Hammer-Action Keyboard) ● **Max. Polyphony** 64 ● **Tones** 124 basic tones (270 in Tone Expansion Mode + 8 drum sets + 1 SFX set) ● **Effects** Reverb, Chorus, DSP ● **Music Styles** 136 + additional Styles on supplied disk ● **Music Assistant** 32 memories ● **Programmable Music Styles** Style Composer / Style Converter ● **Melody Intelligence** 18 types ● **Composer** 5 tracks (Easy Mode) / 16 tracks ● **Disk Drive** 3.5" FDD ● **Rated Power Output** 40W x 2 ● **Speakers** 6" (16 cm) x 2, 2" (5 cm) x 2 ● **Lyrics** Yes ● **Pedals** Right Pedal: Damper, Left Pedal: Soft (assignable) ● **Connectors** Output (L/Mono, R), Input (L/Mono, R), Headphones x 2 (stereo phones), MIDI (In, Out) ● **Power Consumption** 105W ● **Cabinet Finish** Polished Ebony ● **Dimensions** (Lid opened) 1,400 (W) x 940 (D) x 1,587 (H) mm (55-1/8" x 37-1/16" x 62-1/2") ● **Weight** 105 kg (231 lbs.) ● **Accessories** Music Style Disk, Power Cord

RG-7
Digital Grand

VGA out

- *Simple-to-use digital player piano with Roland's finest piano sounds*
- *Progressive Hammer-Action Keyboard with Escapement, plus Moving-Key*
- *Onboard CD drive with remote controller*
- *60W x 2 designed speaker system with an emphasis on reproducing realistic piano sounds and acoustic vibrations*
- *Sliding Key Lid can be locked in place to conceal the panel*
- *Polished ebony cabinet, ideal for the hotel and hospitality markets*

Specifications

[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with Escapement) ● **Moving Key** Yes ● **Touch Sensitivity** Touch: 100 levels, Hammer Response: Light, Medium, Heavy, Off ● **Keyboard Mode** Whole, Layer (as layer tones, volume balance adjustable), Split (split point adjustable) **[Sound Generator]** ● **Conforms to** GM2 system, GS format, XG lite ● **Max. Polyphony** 128 voices ● **Tones** 20 tones (5 groups 4 variations) for manual performance, 600 internal tones for SMF playback ● **Temperament** 8 types, selectable tonic ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz - 466.2Hz (adjustable in increments of 0.1Hz) ● **Transpose** Key Transpose (-6 - +5 in semitones), Playback Transpose (-24 - +24 in semitones) ● **Effects** Reverb (127 levels), Key Off Resonance (only for piano tones, 9 levels), String Resonance (only for piano tones, 9 levels), Damper Resonance (only for piano tones, 9 levels), 3-band Digital Equalizer ● **Vocal Effects** Mic Echo (9 levels), Harmony (7 types), Transformer (8 types) **[User Programs]** ● **Internal** 36 ● **User Memory** Max. 99 User Program Sets ● **USB Memory** Max. 99 User Program Sets **[Recorder]** ● **Track** 1 track ● **Songs** Max. 199 songs ● **Note Storage** Approx. 30,000 notes ● **Control** Song Select, Play/Stop, Rec, Tempo, All Song Play, Random Play, Minus One **[Media]** ● **CD (Read Only)** Playable Disc: Audio CD (CD-DA), Data CD (SMF) ● **USB Memory** SMF **[Internal Memory]** ● **Internal Songs** Over 50 (including the Tone Demos) ● **User Memory** Songs, User Programs **[Others]** ● **Rated Power Output** 60W x 2 ● **Speakers** 16 cm x 2, 2.5 cm x 4 ● **Display** 20 characters, 2 lines LCD ● **External Display** VGA, NTSC, PAL, Song Select, Slide Show, Lyrics, DigiScore ● **Control** Volume, Brilliance, LCD Contrast, Mic Volume ● **Remote Control** Yes ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition, function assignable), Sostenuto (function assignable) ● **Lid Lock** Yes ● **Connectors** Main Output jacks (L/Mono, R), Balanced Output jacks (L, R) (XLR, Level Fixed), Aux Output jacks (L/Mono, R), Main Input jacks (L/Mono, R), Aux Input jacks (L, R), Mic jack, Phones jack (Stereo) x 2, MIDI connector (IN/OUT), USB connector (MIDI), Ext Display jack, Video Out jack, AC Inlet, Ext Memory Port ● **Power Supply** AC 115/117/220/230/240 V (50/60Hz) ● **Power Consumption** 260W ● **Cabinet Finish** Polished Ebony ● **Dimensions** [top opened] 1,460 (W) x 1,400 (D) x 1,750 (H) mm (57-1/2" x 55-1/8" x 68-15/16") [top closed] 1,460 (W) x 1,400 (D) x 1,010 (H) mm (57-1/2" x 55-1/8" x 39-13/16") ● **Weight** 225 kg (497 lbs.) ● **Accessories** Owner's Manual, USB Installation Guide, Power Cord, CD (Music Disc with Vocals), CD-ROM (Roland Digital Piano USB Driver), Maintenance Kit, Key Cover, Remote Control, Dry-cell Batteries

● Option

M-UF128
USB Flash Memory

KR107
Digital Intelligent Piano

DigiScore · Touch the Notes · VGA out

- *128-voice, high-quality piano sound engine with intuitive "Piano Designer" sound customization*
- *6-speaker sound system with true Grand Sound*
- *Progressive Hammer-Action Keyboard with escapement*
- *Added expression with Pedal EX Tones, and optional expression pedal*
- *Brand-new Music Styles, featuring "Live Drummer" (phrases recorded in realtime via MIDI using Roland's V-Drums)*
- *Over 500 intuitive Visual Music Assistant*
- *Over 190 built-in songs*
- *Powerful "Visual Lesson" and "Wonderland" educational suite*
- *Innovative "Auto Sync DigiScore" feature*
- *Lesson-room-friendly "Twin Piano Mode"*
- *External VGA and video outputs*
- *Convenient storage via external USB*
- *Color score export (.bmp)*

GENERAL MIDI2 · GS · XG XGlite · SMF LYRICS · USB · ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with escapement) ● **Touch Sensitivity** Yes ● **Keyboard Mode** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator]** ● **Max. Polyphony** 128 voices ● **Tones** 736 variations in 6 groups (including 8 Tone Wheel Organs, 18 Drum Sets, SFX set) **Tone Search by terms and by letters* ● **Temperament** 8 types, Tonic selectable ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz to 466.2Hz (0.1Hz steps) ● **Transpose** Key Transpose (-6 to +5 in semitone), Playback Transpose (-24 to +24 in semitone) ● **Effects** Reverb (12 types, 127 levels) Chorus, Rotary and 60 other types, Advanced 3D, Dynamic Emphasis (3 types), Equalizer (5 bands, Master level) **[Arranger]** ● **Music Styles** 265 Styles in 6 groups x 3 types (Style Orchestrator) **Style Search by terms and by letters* ● **Music Assistant** Over 500 sets x 6 presets, Visual Music Assistant **Search by terms and by letters* ● **Programmable Music Styles** Style Converter, Style Composer ● **Melody Intelligence** 24 types **[User Programs]** ● **Internal** 36 ● **External Memory** Max. 99 sets **[Metronome]** ● **Tempo** Quarter note = 10 to 500 ● **Beat** 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 ● **Volume** 10 levels ● **Metronome Pattern** 11 patterns ● **Metronome Sound** 8 types **[Composer]** ● **Tracks** 5 tracks / 16 tracks ● **Song** 1 song ● **Note Storage** Approx. 30,000 notes ● **Resolution** 120 ticks per quarter note ● **Recording Method** Realtime (Replace, Mix, Auto Punch In, Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Edit** Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit **[Other Functions]** Touch the Notes, Replay, Super Tones, Piano Designer, Visual Lesson, Wonderland/Game, Demo, Audition, Panel Lock, V-LINK, BMP export, User Image Display **[External Storage (USB Flash Memory)]** ● **Playable Software** Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format)Music Style: MSA, MSD, MSE, Audio File: WAV Format (44.1kHz 16-bit linear stereo) ● **Save** Song: Standard MIDI Files (Format 0), Roland Original Format (i-Format), Music Style: MSE **[Internal Memory]** ● **Internal Songs** Over 190 songs **Song Search by terms and by letters* ● **User Memory** Max. 200 songs on Favorites, Max. 99 User Styles, Max. 99 User Program Sets **[Others]** ● **Display** Bouncing Beat Indicator, Graphical Color LCD 320 x 240 dot (backlit LCD) ● **Notation** Grand staff / G Clef staff / F Clef staff, with note name / lyrics / chords / fingering ● **Language** English / Japanese / German / French / Spanish ● **Lyrics** Yes (built-in, external display, MIDI output) ● **One Touch Program** One Touch Piano, One Touch Arranger ● **Vocal Effects** Echo, Voice Transformer, Vocal Keyboard, Harmonist ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, functions assignable), Sostenuto Pedal (functions assignable) ● **Connectors** USB memory connector, FDD connector, Output jacks (L/Mono, R), Input jacks (L/Mono, R), Mic Input jack, Headphones jack (Stereo) x 2, MIDI In connector x 2, MIDI Out connector, USB connector, Ext Display connector (15-pin D-Sub type), Video Out connector, Expression Pedal Jack ● **Rated Power Output** 60W x 2 ● **Speakers** 20 cm x 2, 5 cm x 2, 10 cm x 2 ● **Power Supply** AC 115/117/220/230/240 V (50/60Hz) ● **Power Consumption** 155W ● **Weight** 84.0 kg (186 lbs. 3 oz.) ● **Dimensions** (incl. the piano stand) 1,421 (W) x 550 (D) x 901 (H) mm (56" x 21-11/16" x 35-1/2"), (Incl. the piano stand and the music rest) 1,421 (W) x 550 (D) x 1,116 (H) mm (56" x 21-11/16" x 43-15/16") ● **Accessories** Quick Start, Owner's Manual, Roland 60 Classical Piano Masterpieces, Remote Controller, Dry-cell Batteries, USB Installation Guide CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook, Anti-theft lock screws ● **Options** USB memory, Floppy Disk Drive

● Options

M-UF128
USB Flash Memory

FD-01A
Floppy Disk Drive

KR105
Digital Intelligent Piano

DigiScore · Touch the Notes

- *Authentic piano sound with acclaimed Progressive Hammer-Action Keyboard*
- *230 high-quality Music Styles featuring "Live Drummer"*
- *DigiScore with "Touch the Note" feature*
- *Over 600 tones*
- *Over 300 Visual Music Assistants*
- *Over 180 Built-in songs*
- *Wonderland educational games*
- *Built-in USB MIDI Interface*

GENERAL MIDI2 · GS · XG XGlite · SMF LYRICS · USB · ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Yes ● **Keyboard Mode** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Tones** over 600 tones in 6 groups (including 16 drum sets, 1 SFX set) ● **Temperament** 8 types (Tonic selectable) ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz to 466.2Hz (0.1Hz steps) ● **Transpose** Key Transpose (-6 to +5 in semitone), Playback Transpose (-24 to +24 in semitone) ● **Effects** Reverb (8 types), Chorus, Rotary and 32 other types **[Arranger]** ● **Music Styles** 230 styles in 6 groups x 3 types (Style Orchestrator) ● **Music Assistant** Over 300 sets, Visual Music Assistant ● **Programmable Music Styles** Style Converter ● **Melody Intelligence** 24 types **[User Programs]** ● **Internal** 36 ● **Floppy Disk** Max. 99 sets **[Metronome]** ● **Tempo** Quarter note = 20 to 250 ● **Beat** 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 ● **Volume** 10 levels ● **Metronome Pattern** 11 patterns ● **Metronome Sound** 8 types **[Composer]** ● **Tracks** 5 tracks / 16 tracks ● **Song** 1 song ● **Note Storage** Approx. 30,000 notes ● **Resolution** 120 ticks per quarter note ● **Recording Method** Realtime (Replace, Mix, Auto Punch In, Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Edit** Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit **[Other Functions]** Touch the Notes, Replay, Wonderland/Game, Demo, Panel Lock, V-LINK, BMP export **[External Storage]** ● **Files** Max. 99 songs, Max. 99 User Styles, Max. 99 User Program Sets ● **Playable Software** Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Music Style: MSA, MSD, MSE ● **Save** Song: Standard MIDI Files (Format 0), Roland Original Format (i-Format), Music Style: MSE **[Internal Memory]** ● **Internal Songs** Over 170 songs ** Song Search by terms and by letters* ● **User Memory** Max. 99 songs on Favorites, Max. 99 User Styles, Max. 99 User Program Sets **[Others]** ● **Display** Bouncing Beat Indicator, Graphical mono LCD 320 x 240 dot (backlit LCD) ● **Notation** Grand staff / G Clef staff / F Clef staff, with note name / lyrics / chords / fingering ● **Language** English / German / French / Spanish ● **Lyrics** Yes (built-in, MIDI output) ● **One Touch Program** One Touch Piano, One Touch Arranger ● **Vocal Effects** Echo ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, functions assignable), Sostenuto Pedal (functions assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Mic Input jack, Headphones jack (Stereo) x 2, MIDI In connector , MIDI Out connector, USB connector, Expression Pedal Jack ● **Rated Power Output** 40W x 2 ● **Speakers** 20 cm x 2, 5 cm x 2 ● **Power Supply** AC 115/117/220/230/240 V (50/60Hz) ● **Power Consumption** 90W ● **Weight** (incl. the piano stand) 80.5 kg (155 lbs. 7 oz.) ● **Dimensions** (incl. the piano stand) 1,421 (W) x 549.5 (D) x 920 (H) mm (56" x 21-11/16" x 36-1/4"), (Incl. the piano stand and the music rest) 1,421 (W) x 549.5 (D) x 1,106 (H) mm (56" x 21-11/16" x 43-9/16") ● **Accessories** Quick Start, Owner's Manual, Roland 60 Classical Piano Masterpieces, USB Installation Guide CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook

** Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.*

KR103
Digital Intelligent Piano

- *Simple and easy to use interface*
- *170 high-quality Music Styles*
- *Over 300 tones*
- *180 Music Assistants*
- *Lesson feature with over 50 built-in songs*
- *Built-in USB MIDI Interface*
- *Powerful amplifier and speaker system*

GENERAL MIDI2 · GS · XG XGlite · USB · ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Yes ● **Keyboard Mode** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Tones** 400 in 6 groups, 20 drum sets ● **Master Tuning** 427.4Hz to 452.6Hz (0.1Hz steps) ● **Transpose** Key Transpose (-6 to +6), Data Transpose (-24 to +24), All Transpose (-6 to +6) ● **Effects** Reverb (8 types), Chorus, Rotary and 46 Multi-FX **[Arranger]** ● **Music Styles** 170 styles in 6 groups x 3 types (Style Orchestrator) ● **Music Assistant** 180 sets ● **Melody Intelligence** 18 types **[User Programs]** ● **Internal** 34 ● **Floppy Disk** Max. 99 sets **[Metronome]** ● **Tempo** Quarter note = 20 to 250 ● **Beat** 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8 ● **Volume** 127 levels ● **Metronome Pattern** 1 ● **Metronome Sound** 1 **[Composer]** ● **Tracks** 5 tracks / 16 tracks ● **Song** 1 Song ● **Resolution** 120 ticks per quarter note ● **Recording Method** New Song/Single/Punch In/Out **[Other Functions]** Demo, Panel Lock , V-LINK **[External Storage]** ● **Disk** Max. 99 songs, Max. 99 User Styles, Max. 99 User Program Sets ● **Playable Software** Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Music Style: MSA, MSD, MSE ● **Save** Song: Standard MIDI Files (Format 0) ● **Internal Song** Over 50 songs **[Others]** ● **Display** Bouncing Beat Indicator, Custom LCD (backlit LCD ● **Lyrics** No (only via MIDI output) ● **One Touch Program** One Touch Piano, One Touch Arranger ● **Pedals** Damper Pedal, Soft Pedal (functions assignable), Sostenuto Pedal (functions assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, MIDI In connector, MIDI Out connector, USB connector, Expression Pedal Jack ● **Rated Power Output** 25W x 2 ● **Speakers** 20 cm x 2 ● **Power Consumption** 70W ● **Weight** (incl. the piano stand) 60.5 kg (133 lbs. 7 oz.) ● **Dimensions** (incl. the piano stand) 1,402 (W) x 643 (D) x 888.5 (H) mm (55-1/4" x 25-3/8" x 35"), (Incl. the piano stand and the music rest) 1,402 (W) x 643 (D) x 1,075 (H) mm (55-1/4" x 25-3/8" x 42-3/8") ● **Accessories** Owner's Manual, USB Installation Guide CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook

KF-7
Digital Intelligent Piano

DigiScore · Touch the Notes

- *128-voice digital piano with onboard arranger features and sleek cabinet design*
- *88-key Progressive Hammer-Action Keyboard with half-pedal recognition*
- *Stereo-sampled piano sounds; 683 instrument sounds including EX Tones*
- *DigiScore® screen with Touch the Notes feature and SMF lyric display*
- *Professional vocal effects including Echo, Voice Transformer, and Harmonist*
- *Onboard Music Assistant for quick and easy song setup*
- *Wonderland games help children learn about music in a fun, graphic environment*

GENERAL MIDI2 · GS · XG XGlite · SMF LYRICS · ism

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Keyboard Modes** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums/SFX ● **Max. Polyphony** 128 ● **Tones** 683 tones in 6 groups (incl. 16 drum sets, 2 SFX sets) ● **Effects** Reverb (16 types, 127 levels), Chorus (8 types, 127 levels), Sympathetic Resonance, Rotary and 45 other types, Advanced 3D, Physical Damper Simulation (Advanced Resonance) ● **Equalizer** 5 bands, Master level ● **Music Styles** 6 groups 204 styles x 4 types (Style Orchestrator) ● **Music Assistant** Over 130 sets x 4 presets ● **Programmable Music Styles** Style Converter/Style Composer ● **Melody Intelligence** 24 types ● **Composer** Tracks: 5 tracks/16 tracks, Song: 1 song ● **Recording Method** Realtime (Replace, Mix, Auto/Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Other Functions** Touch the Notes, Replay, Select Various Tones, Song Stylist, Session Partner, Wonderland/Game, Quick Tour, Audition, Panel Lock ● **Disk Drive** 3.5" FDD ● **Internal Songs** Over 170 songs ● **Rated Power Output** 12W x 2 ● **Speakers** 4" (10cm) x 2, 2" (5cm) x 2 ● **Language** English/Germany/French/Spanish ● **Lyrics** Yes (built-in, MIDI output) ● **Vocal Effects** Echo, Voice Transformer, Vocal Keyboard, Harmonist ● **Connectors** Output (L/Mono, R), Input (L/Mono, R), Mic Input, Headphones (Stereo), MIDI (In, Out), Computer Connector, Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, 35 functions assignable), Sostenuto Pedal (35 functions assignable) ● **Power Supply** AC Adaptor (PSB-3U) ● **Power Consumption** 35W ● **Dimensions** (incl. the piano stand) 1,321 (W) x 421 (D) x 774 (H) mm (52-1/16" x 16-5/8" x 30-1 x 2") (incl. the music rest): 1,321 (W) x 482 (D) x 946 (H) mm (52-1/16" x 19" x 37-1/4") ● **Weight** (incl. the piano stand) 41.5 kg (91 lbs. 8 oz.) ● **Accessories** Roland 60 Classical Piano Masterpieces, Music Rest, Screws for the Music Rest, Cloth Keyboard Cover, Pedal (DP-8), AC Adaptor (PSB-3U), Power cord ● **Option** Piano Stand (KSC-18)

** Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.*

HP107
Digital Piano

Grand Sound

■ HP107-MH shown with KSC-22-MH

USB

- *88-note Progressive Hammer-Action keyboard with Escapement for the most realistic touch*
- *Key-Off, String, and Damper Resonance*
- *128-voice polyphony, 40 tones*
- *"Grand Space" and "Dynamic Emphasis" effects*
- *Onboard 2-track recorder with metronome*
- *USB port for MIDI I/O*
- *Twin Piano Mode*

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with Escapement) ● **Keyboard Mode** Whole, Layer / Dual (volume balance adjustable), Split (split point adjustable) ● **Max. Polyphony** 128 ● **Tones** 5 groups 36 variations + 4 tones for Layer ● **Effects** Grand Space, Dynamic Emphasis, Piano Resonance, (Key Off Resonance, String Resonance, Damper Resonance), Reverb (10 levels), Chorus (10 levels) ● **Bullt-Songs** 68 songs + 14 Tone Demo songs ● **Rated Power Output** 50W x 2 ● **Speakers** 20cm x 2 (Speaker Box), 10cm x 2 ● **Display** Beat LED, 7 segments, 3 characters (LED), Headphones indicator ● **Control** Volume, Brilliance ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition), Sostenuto (function assignable) ● **Other Functions** Panel Lock, Song backup, Memory backup, Factory Roset, Twin Piano Mode ● **Connectors** USB connector (MIDI), Output jacks (L/Mono, R), Input jacks (L/Mono, R),Headphone jack x 2 (Stereo), MIDI connectors (In, Out) ● **Dimensions (incl. piano stand)** [MH] 1,421 (W) x 526 (D) x 894 (H) mm (56" x 20-3/4" x 35-1/4"), [RW] 1,425 (W) x 536 (D) x 931 (H) mm (56-1/8" x 21-1/8" x 36-11/16") ● **Weights (incl. piano stand)** [MH] 79 kg (175 lbs.), [RW] 82 kg (180 lbs. 13 oz.) ● **Cabinet finish** Mahogany/Rosewood ● **Accessories** Roland 60 Classical Piano Masterpieces, USB Installation Guide, CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphone Hook

HP103
Digital Piano

■ HP103-MH shown with KSC-24-MH

- *88-note Progressive Hammer-Action keyboard*
- *64-voice polyphony, 20 tones*
- *Damper Resonance*
- *Twin Piano Mode splits keyboard into two sections for two-player performances*
- *"Grand Space" and "Dynamic Emphasis" effects*
- *Onboard 2-track recorder with metronome*

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Keyboard Mode** Whole, Dual (volume balance adjustable), Split (split point adjustable) ● **Max. Polyphony** 64 voices ● **Tones** 5 groups 20 variations ● **Effects** Grand Space, Dynamic Emphasis, Reverb (8 levels), Chorus (for E. Piano only), Damper Resonance (for Piano only, 8 levels) ● **Preset Songs** 66 songs + 9 Tone Demo songs ● **Rated Power Output** 25W x 2 ● **Speakers** 12cm x 2 ● **Display** Beat LED, 7 segment, 3 digit LED, Headphones indicator ● **Control** Volume, Brilliance (3 steps) ● **Pedals** Damper, Soft, Sostenuto ● **Other Functions** Panel Lock, Tone Lock, Twin Piano Mode ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R),Headphones jack x 2 (Stereo), MIDI connectors (In, Out) ● **Dimensions (incl. piano stand)** [HP103-MH] 1,388 (W) x 425 (D) x 836 (H) mm (54-11/16" x 16-3/4" x 32-15/16"), [HP103-PE] 1,398 (W) x 427 (D) x 837 (H) mm (55-1/16" x 16-13/16" x 33"), [HP103e-RW/MP/PE] 1,412 (W) x 530 (D) x 865.5 (H) mm (55-5/8" x 20-7/8" x 34-1/8") ● **Weights (incl. piano stand)** [HP103-MH/PE] 53 kg (117 lbs.), [HP103e-RW/MP/PE] 64 kg (141 lbs. 2 oz.) ● **Cabinet Finish** Mahogany/Polished Ebony/Rosewood/Maple ● **Accessories** Roland 60 Classical Piano Masterpieces, Power Cord, Headphone Hook, Music Rest

HP102e
Digital Piano

Europe Only

■ HP102e-RW shown with KS-102e-RW

- *Compact Progressive Hammer-Action Keyboard with adjustable key touch*
- *3D "Grand Space" technology simulates piano-soundboard depth*
- *Improved power amplifier and speaker system for dynamic sound*
- *Onboard metronome, 2 track recorder, and play-along songs*
- *Twin Piano Mode splits keyboard into two sections for two-player performances*
- *Compact cabinet with newly designed pedal section, large music rest, headphone hook*

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer Action keyboard) ● **Keyboard Modes** Whole, Layer/Dual (volume balance adjustable), Split (split point adjustable) ● **Max.Polyphony** 64 ● **Tones** 20 ● **Effects** Reverb (8 levels), Chorus (for E.Piano only), Damper Resonance, Grand Space, Dynamic Emphasis ● **Rated Power Output** 25W x 2 ● **Speakers** 12cm x 2 ● **Display** Beat LED, 7seg-ments, 3 characters (LED), Headphone Indicator ● **Control** Volume, Brilliance (3 steps) ● **Pedals** Damper, Soft, Sostenuto ● **Other Functions** Twin Piano Mode ● **Connectors** Output jacks (L/MONO,R), Input jacks (L/MONO,R),Headphone jacks x, 2 (Stereo),MIDI (In,Out) ● **Cabinet Finish** Rosewood, Light Oak ● **Dimension** 1,402 (W) x 476 (D) x 874 (H) mm (55-1/4" x 18-3/4" x 34-7/16") ● **Weight** 55 kg (121 lbs. 5 oz.) ● **Accessories** Power Cord, Roland 60 Classical Piano Masterpieces, Headphone Hook

* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

HP101
Digital Piano

■ HP101-RW shown with KSC-26-MH

- *88-note Compact Progressive Hammer-Action keyboard*
- *64-voice polyphony, 14 tones*
- *Damper Resonance*
- *Twin Piano Mode splits keyboard into two sections for two-player performances*
- *Sliding key lid, Headphone hook*
- *Three built-in pedals*

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Keyboard Mode** Whole, Dual (volume balance adjustable) ● **Max. Polyphony** 64 ● **Tones** 14 ● **Effects** Reverb (8 levels) (HP101e: 10 levels), Chorus (for E. Piano only), Damper Resonance (8 levels) ● **Rated Power Output** 20W x 2 ● **Speakers** 12cm x 2 ● **Display** Beat LED ● **Control** Volume ● **Pedals** Damper, Soft, Sostenuto ● **Other Functions** Panel Lock, Twin Piano Mode ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack x 2 (Stereo), MIDI connectors (In, Out) ● **Dimensions (incl. piano stand)** 1,388 (W) x 397 (D) x 810 (H) mm (54-11/16" x 15-11/16" x 31-15/16") ● **Weights (incl. piano stand)** 42 kg (93 lbs.) ● **Cabinet Finish** Mahogany/Rosewood ● **Accessories** Power Cord, Headphone Hook, Music Rest, Music Rest's attachment screws

CD-2
CF/CD Recorder

- *Versatile, easy-to-use audio recorder*
- *Direct-to-CD recording for fast, easy, professional results*
- *Record also to removable CompactFlash cards for long recording times*
- *Convenient utilities for music lessons and training*
- *Built-in stereo microphone and speaker for audio capture and playback*
- *Inputs for instruments and microphones*
- *Onboard pro-quality effects*

Specifications

[Recorder] ● **Tracks** 2 (Stereo) ● **Sample Rate** 44.1kHz ● **Signal Processing** AD/DA conversion: 24-bits ● **Recording Mode** Standard, Long, WAV ● **Recording Media** CompactFlash (16MB-2GB), CD-R, CD-RW ● **Recording Songs** Up to 99 songs on a single CompactFlash or CD-R, Up to 98 sings on a single CD-RW **[Input/Output]** ● **Audio Input** Internal Stereo Microphone, MIC Input 1, 2 Jack: XLR-type with phantom power, 1/4" TRS phone-type, Guitar (Hi-Z) Jack: 1/4" phone-type, LINE Input Jacks (L, R): RCA phono-type ● **Audio Output** Internal Stereo Speaker, PHONES Jack: Stereo 1/4" phone-type, AUX Out Jacks (L, R): RCA phono-type ● **Frequency Response** 20Hz-20kHz (+0dB/-2dB) ● **Nominal Input Level** MIC Input 1, 2 Jack: -58- -22dBu (maximum -10dBu), Guitar Jack (Hi-Z): -32- -2dBu (maximum +10dBu), LINE Input Jacks (L, R): -24- +12dBu (maximum +24dBu) ● **Nominal Output Level** AUX Output Jacks (L, R): -8dBu (maximum +4dBu) ● **Input Impedance** MIC Input 1, 2 Jack: 4 k ohms (balanced), Guitar Jack (Hi-Z): 1 M ohms, Line Input Jacks (L, R): 9 k ohms ● **Output Impedance** AUX Output Jacks (L, R): 1 k ohms, Phones Jack: 10 ohms ● **Recommended Load Impedance** AUX Output Jacks (L, R): 10 k ohms or greater, Phones Jack: 32 ohms ● **Other Input/Output Connectors** MIDI Out Connector: 5-pin DIN type, Foot Switch Jack: 1/4" phone type **[Effects]** Dynamics group: 22 patches, Vocal group: 26 patches, Guitar/Bass group: 38 patches, Mastering Tool: 25 patches **[Others]** ● **Display** 16 characters, 2 lines (backlit LCD) ● **Dimensions** 302 (W) x 242 (D) x 76 (H) mm (11-15/16" x 9-9/16" x 3") ● **Weight** 3.1 kg (6 lbs. 14 oz.) ● **Power Supply** AC Adaptor (PSB-7U) ● **Current Draw** 3.0 A ● **Accessories** Owner's Manual, AC Adaptor (PSB-7U), Power Cord, CompactFlash (128 M bytes), CD-R (Blank media), Card Protector ● **Options** Foot Switch: FS-5U (BOSS), Pedal Switch: DP-2

** (0 dBu = 0.775 V rms)*

MT-90s
Music Player

- *Compact music player with built-in speaker and GM2/GS-compatible sound source*
- *Plays back most commercially available Standard MIDI File (SMF) disks via internal floppy disk drive*
- *Lightweight design permits practice anywhere; front-panel icons make operation simple*
- *Backlit LCD displays song title, tempo and lyrics of compatible SMF disks*
- *Intro Countdown keeps performers on track by playing a countdown before the song melody begins*
- *Microphone input with echo effect for vocal lessons/karaoke performance*
- *Included disk contains 42 ready-to-use SMF songs*

GENERAL midi2 SMF LYRICS ism

Specifications

● **Max. Polyphony** 64 ● **Tones** 360 ● **Drum Sets** 9 (8 + 1 SFX set) ● **Effects** Reverb, Chorus ● **Tracks** 5 or 16 tracks ● **Tempo** Quarter note = 20 to 250 bpm ● **Disk Drive** 3.5" FDD ● **Rated Power Output** 5W x 1 ● **Speaker** 4" (10 cm) x 1 ● **Display** Beat Indicator, 16 x 2 Character LCD ● **Connectors** Output L/R (RCA phono type), Microphone (with echo), Headphones (Stereo miniature phone type), MIDI In, Start/Stop ● **Dimensions** 165 (W) x 186 (D) x 270 (H) mm (6-1/2" x 7-3/8" x 10-11/16") ● **Weight** 2.4 kg (6 lbs.)

* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

HPi-7
Digital Piano

DigiScore

- *Easy-to-read color LCD display enhances Roland's unique DigiScore notation*
- *"Visual Lesson" feature with 3 programs for interactive practice*
- *Adds "Flash Card" and other educational games to Roland's acclaimed "Wonderland" learning environment*
- *Progressive Hammer-Action Keyboard with Escapement for authentic acoustic grand piano feel and response*
- *128-voice polyphony and authentic "Key off sounds"*

■ HPi-7 shown with KSC-20-MH

Visual Lesson

When you finish playing, the HPi-7 grades the accuracy of your pitch and rhythm, and provides simple onscreen advice.

HPi-7LE
Digital Piano

DigiScore

VGA out

- *Flagship educational piano with powerful 4-speaker sound system*
- *VGA output for projecting music onto a big screen*

Specifications

● **Keyboard** 88 keys (Progressive Hammer Action Keyboard with Escapement) ● **Max. Polyphony** 128 voices ● **Tones** 600 sounds in 6 groups (incl. 15 drum sets, 1 SFX set) ● **Effects** Reverb (10 levels), Chorus (10 levels), Damper Resonance (for Piano only, 10 levels), String Resonance (for Piano only,10 levels), Lid (for Piano only, 6 levels), Hammer Response (for Piano only, 10 levels) ● **Music Styles** 35 Pianist Styles ● **Disk Drive** 3.5" FDD ● **Internal Songs** Over 170 songs ● **Rated Power Output** 40W x 2, [LE] 50W x 2 ● **Speakers** 20 cm x 2, [LE] 20 cm x 2 (speaker box) 5 cm x 2 ● **Display** 640 x 240 dots graphic color LCD (with backlit) ● **Languages** English/Japanese/German/French/Spanish ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition, function assignable), Sostenuto (function assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, Mic Input jack, MIDI In connector, MIDI Out connector, Pedal connector (8 pin DIN type), LCD connector (20 pin), USB (MIDI) connector, EXT Display Connector (15-pin D-Sub type, LE only) ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 105W (115/117/220/230/240 V), [LE] 120W ● **Dimensions (incl. piano stand)** 1,421 (W) x 526 (D) x 1,101 (H) mm (56" x 20-3/4" x 43-3/8") ● **Weights (incl. piano stand)** 69 kg (153 lbs.), [LE] 80 kg (176 lbs. 6 oz.) ● **Accessories** Roland 60 Classical Piano Masterpieces, CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook, Music Rest (with installation screws)

HPi-5
Digital Piano

DigiScore

- *Home-oriented digital piano with DigiScore function — ideal for practice and learning*
- *Professional Roland sounds and features with simplified operation*
- *LCD screen built into music stand for easy and comfortable viewing*
- *"Wonderland" function makes children familiar with the HPi-5*
- *Play along with 168 Preset songs ranging from practice to popular pieces*
- *5-track song recorder; 3.5" floppy drive for loading music files*
- *Pianist™ function adds left-hand accompaniment in a variety of musical styles*

Wonderland

Wonderland is a feature designed specifically for children. It uses large, animated graphics and sounds—including guitar, trumpet, drums, barking dogs, and a locomotive—to entertain children and teach them about music. These fun, interactive lessons and exciting musical games are designed to help children naturally develop their ear for music and sense of rhythm.

They'll love it!

■ HPi-5 shown with KS-05

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Max. Polyphony** 64 ● **Tones** 421 tones in 6 groups (incl. 11 drum sets, 1 SFX set) ● **Effects** Reverb (10 levels), Chorus (10 levels), Sympathetic Resonance (10 levels, for some Piano tones only) ● **Music Styles** 30 Pianist Styles ● **Disk Drive** 3.5" FDD ● **Internal Songs** 168 ● **Rated Power Output** 30W x 2 ● **Speakers** 7" (16 cm) x 2 ● **Display** 320 x 240 dots Graphic LCD (with backlit) ● **Language** English/Japanese/German/French/Spanish ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition, function assignable), Sostenuto (function assignable) ● **Connectors** Output (L/Mono, R), Input (L/Mono, R), Headphones (Stereo) x 2, MIDI (In, Out), Pedal connector (8-pin DIN type), LCD connector (13-pin DIN type) ● **Cabinet Finish** Simulated Mahogany ● **Dimensions** (Incl. the stand) 1,445 (W) x 524 (D) x 1,067 (H) mm (56-15/16" 20-11/16" x 42-1/16") ● **Weight** (Incl. the stand) 67 kg (147 lbs. 12 oz.) ● **Accessories** Roland 60 Classical Piano Masterpieces, Power Cord

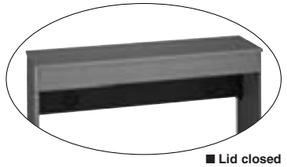
* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

DP-900
Digital Piano

- *Elegant and sophisticated appearance; light wood finish with soft-close key lid*
- *High-quality sound engine reproduces authentic grand piano sounds*
- *64-voice polyphony, 88-note Progressive Hammer-Action keyboard*
- *Sympathetic resonance and reverb for immersive sound and spatial enhancement*
- *Two speakers built into the stand, generates rich, dynamic sound*
- *2-track recorder enables users to record right/left hand parts individually*

Specifications

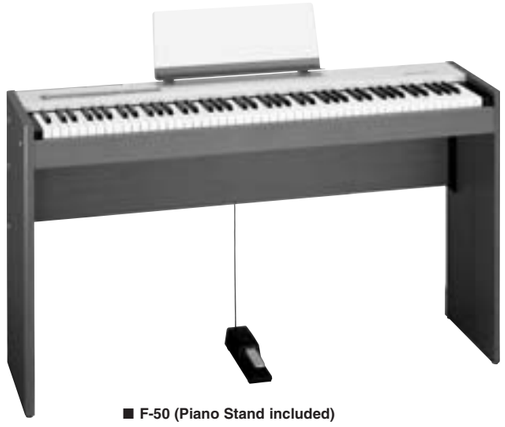
[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer-Action keyboard) ● **Touch Sensitivity** Light, Medium, Heavy, Fixed ● **Keyboard Modes** Whole, Dual(volume balance adjustable), Split (split point adjustable) **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Tones** 5 groups 20 variations ● **Temperament** 7 types, selectable tonic ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz to 466.2Hz, (adjustable in increments of 0.1Hz) ● **Transpose** Key Transpose (-6 to +5 in units of semitones) ● **Effects** Reverb (8 levels), Chorus (for E. Piano only), Sympathetic Resonance (for Piano only, 8 levels) **[Metronome]** ● **Beat** 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8,12/8 ● **Volume** 8 levels **[Recorder]** ● **Tracks** 2 tracks ● **Song** 1 song ● **Note Storage** Approx. 5,000, notes ● **Tempo** Quarter note = 20 to 250 ● **Resolution** 96 ticks, per quarter note ● **Control** Play/Stop, Rec, Tempo, All Song Play, Track Select ● **Preset Songs** 65 songs **[Others]** ● **Rated Power Output** 7Wx2 ● **Speakers** 12 cmx2 ● **Display** 7 segment, 3 characters (LED) ● **Control** Volume, Brilliance, (3 levels) ● **Pedals** Damper, Soft ● **Other Functions** Tone Lock, Panel Lock ● **Connectors** Output jacks (L/Mono, R), Input jacks, (L/Mono,R), Headphones jackx2 (Stereo), MIDI In/MIDI Out, connectors,Pedal jack ● **Power Supply** DC 9 V (AC Adaptor) ● **Power Consumption** 23W ● **Dimensions (incl. piano stand)** (lid close) 1,398 (W) x 344 (D) x 781 (H) mm (55-1/16" x 13-9/16" x 30-3/4") (lid open) 1,398 (W)x 339 (D) x 974 (H) mm (55-1/16" x 13-3/8" x 38-3/8") ● **Weights (incl. piano stand)** 43.5 kg (95 lbs. 15 oz.) ● **Accessories** Owner's Manual, AC Adaptor, Power cord



■ Lid closed

F-50
Digital Piano

- *Compact digital piano with 64 voices and stylish light wood grain finish*
- *88-key Progressive Hammer-Action Keyboard with adjustable key touch*
- *Rich, dynamic sounds and realistic touch create the feel of a full concert grand*
- *20 onboard sounds designed to cover a range of musical styles and pieces*
- *Includes 65 demo songs for listening enjoyment and learning*
- *Built-in song recorder facilitates more effective practice and lessons*



■ F-50 (Piano Stand included)

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Light/Medium/Heavy/Fixed ● **Keyboard Modes** Whole, Dual (volume balance adjustable) ● **Max. Polyphony** 64 ● **Tones** 20 tones in 5 groups ● **Effects** Reverb (5 levels), Chorus (fixed for E. Piano tones only), Sympathetic Resonance (fixed for Piano tones only) ● **Recorder** Song: 1 song ● **Internal Songs** 65 (incl. five tone demo songs) ● **Speakers** 4" (10 cm) x 2 ● **Rated Power Output** 5W x 2 ● **Connectors** Headphones (Stereo phone type) x 2, MIDI (In, Out), Output (L/Mono, R), Input (L/Mono, R), Pedal (Damper, Soft) ● **Power Consumption** 23W (DC 9 V, AC Adaptor) ● **Cabinet Finish** Light Cherry ● **Dimensions** (without the music rest) 1,337 (W) x 296 (D) x 760 (H) mm (52-11/16" x 11-11/16" x 29-15/16") ● **Weight** 28.5 kg (62 lbs. 14 oz.) ● **Accessories** AC Adaptor, Power cord, Music Rest, Pedal (DP-8), Cloth Keyboard Cover

* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

FP-5
Digital Piano

- *Compact digital piano with stylish design and powerful onboard speakers*
- *88-key Progressive Hammer-Action Keyboard for ultra-responsive touch*
- *Stereo-sampled piano sounds, plus a variety of instrument tones*
- *Enhanced organ tones based on Roland's Virtual ToneWheel technology*
- *Session Partner with fresh styles and programmable chord progressions*
- *Handy "Setup Memories" for recalling custom settings like splits and layers*
- *3 pedal inputs (damper, sostenuto, soft) with half-pedal recognition*
- *USB-MIDI interface and GM2-compliant sound source*

GENERAL MIDI2 USB

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Light/Normal/Heavy/Fixed (velocity adjustable) ● **Keyboard Mode** Whole, Dual, Split (split point adjustable) ● **Max. Polyphony** 64 ● **Tones** 64 tones in 7 groups (incl. 6 ToneWheel Organ + 4 drum sets), GM2 Tones 256 + 9 drum sets ● **Effects** Reverb, Multi Effects (10 types) ● **Rhythms** 80 rhythms ● **Recorder** Tracks: 3 tracks (only Rhythm sound can be recorded to Track [R] button.), Song: 1 song ● **Internal Songs** Demo songs: 9, Piano songs: 65 ● **Speakers** 4" (10 cm) x 2 ● **Rated Power Output** 10W x 2 ● **Connectors** Output (L/Mono, R), Input (L/Mono, R), Headphones x 2 (stereo miniature phone type), USB connector (MIDI), MIDI (In, Out), Pedal (Damper, Soft*, Sostenuto*) * Assignable, DC In ● **Power Consumption** 35W (DC 12 V (AC Adaptor) ● **Dimensions** 1,308 (W) x 360 (D) x 128 (H) mm (51-1/2" x 14-3/16" x 5-1/16"), (incl.FPS-11A keyboard stand and the music rest) 1,308 (W) x 394 (D) x 920 (H) mm (51-1/2" x 15-9/16 " x 36-1/4") ● **Weight** 21.5 kg (47 lbs.), <incl. the piano stand/music rest> 29.4 kg (64 lbs.) ● **Accessories** USB Installation guide, CD-ROM (Roland Digital Piano USB Driver), AC Adaptor, Power cord, Music Rest (2 screws for the music rest), Pedal (DP-8) ● **Options** Keyboard Stand (FPS-11A), Pedals (DP-10/8/2), Expression Pedal (EV-5)

FP-2
Digital Piano

- *88-key digital piano with progressive hammer-action keys and lightweight design*
- *Stylish black and silver finish with built-in speaker system*
- *Expressive sounds including grand piano, bass, and harpsichord*
- *Sound Control function with 4-band equalizer for creating richer sounds*
- *Session Partner provides backing accompaniment in 80 musical styles*
- *Onboard USB-MIDI interface; GM2-compliant*

GENERAL MIDI2 USB

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Light/Normal/Heavy/Fixed (value adjustable) ● **Keyboard Modes** Whole, Dual, Split (split point adjustable) ● **Max. Polyphony** 64 ● **Tones** 58 tones in 6 groups (incl. 256 GM2 tones and 9 drum sets) ● **Effects** Reverb, Multi Effects (10 types), Sound Control (3 types), 4-band Equalizer ● **Session Partner** Rhythms: 80, Chord Progression: Automatic or input with keyboard (User Programmable) ● **Recorder** Tracks: 3 tracks (only Session Partner or Drum Set sound can be recorded to Track [R] button.), Song: 1 song ● **Internal Songs** Demo songs: 8, Piano songs: 65 ● **Speakers** 3" (8 cm) x 4" (12 cm) x 2 ● **Rated Power Output** 7W x 2 ● **Connectors** Line Out (L/Mono, R), Line In (L/Mono, R), Headphone (rear panel) x 2 (stereo phone type), USB connector (MIDI), MIDI (In, Out), Pedal (Damper, Soft*, Sostenuto*) *Assignable, DC In ● **Power Consumption** 22W (DC 9 V, AC Adaptor) ● **Dimensions** (without the music rest) 1,291 (W) x 299 (D) x 125 (H) mm (50-7/8" x 11-13/16" x 4-15/16") ● **Weight** 14.6 kg (32 lbs. 3 oz.) ● **Accessories** CD-ROM (Roland Digital Piano USB Driver), AC Adaptor, Power cord, Music Rest (2 screws for the music rest), Pedal (DP-8) ● **Options** Keyboard Stand (FPS-11A), Pedals (DP-10/8/2), Expression Pedal (EV-5)

ep-760
Digital Piano

- *Affordably-priced digital piano in new metallic-gray cabinet*
- *76-key weighted keyboard with touch sensitivity*
- *Roland's most realistic piano sounds and 64-voice polyphony*
- *Intuitive operation via dedicated buttons and simple LED display*
- *65 preset songs for listening enjoyment or practice*
- *Onboard reverb and chorus effects for "concert hall" sound*

■ ep-760 shown with the piano stand (KS-ep-760)

Specifications

● **Keyboard** 76 keys with touch-sensitivity ● **Keyboard Modes** Whole, Dual, Split ● **Max. Polyphony** 64 ● **Tones** 20 tones in 5 groups ● **Effects** Reverb (8 levels), Chorus (E. Piano), Sympathetic Resonance (Piano, 8 levels) ● **Preset Songs** 65 songs ● **Rated Power Output** 5W x 2 ● **Speakers** 5" (12 cm) x 2 ● **Pedals** Damper, Soft, Sostenuto ● **Connectors** Output (L/Mono, R), Input (L/Mono, R), Headphones x 2 (Stereo), MIDI (In, Out), Pedal ● **Dimensions** (incl. the piano stand) 1,167 (W) x 444 (D) x 756 (H) mm (46" x 17-1/2" x 29-13/16") ● **Weight** (incl. the piano stand) 10.5 kg (24 lbs.) ● **Accessories** AC Adaptor, Music Rest, Pedal (DP-2) ● **Option** Piano Stand (KS-ep-760)

* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

Roland Digital Piano Lineup

Product Name			Finish	Stand	Distribution Area	
					Europe	Outside Europe
KR-Series	KR-17M	KR-17M-PE	Polished Ebony	Included	●	●
	KR-15M	KR-15M-PE	Polished Ebony	Included	●	●
	KR-15	KR-15-PE	Polished Ebony	Included	●	●
	KR-11	KR-11-PE	Polished Ebony	Included	●	●
					North America	Outside North America
	KR107	KR107-UMH	Mahogany	Included	●	
		KR107-UPE	Polished Ebony	Included	●	
		KR107-UAK	Oak	Included	●	
		KR107-USC	Satin Cherry	Included	●	
		KR107-UPF	Polished Fruits Wood	Included	●	
		KR107-USW	Sation Walnut	Included	●	
		KR107-EMH	Mahogany	KRS107-EMH		●
	KR105	KR105-UMH	Mahogany	Included	●	
		KR105-UPE	Polished Ebony	Included	●	
		KR105-UAK	Oak	Included	●	
		KR105-USC	Satin Cherry	Included	●	
		KR105-EMH	Mahogany	KRS105-EMH		●
	KR103	KR103-MH	Mahogany	KRS103-MH	●	●
KF-Series					Europe	Outside Europe
		KF-7	—	KSC-18	●	●
HP-Series	HP107	HP107-MH	Mahogany	KSC-22-MH		●
		HP107e-RW	Rosewood	KS-107e-RW	●	
	HP103	HP103-MH	Mahogany	KSC-24-MH		●
		HP103-PE	Polished Ebony	KS-200-PE		●
		HP103e-RW	Rosewood	KS-103e-RW	●	
		HP103e-MP	Maple	KS-103e-MP	●	
		HP103e-PE	Polished Ebony	KS-103e-PE	●	
	HP102	HP102e-RW	Rosewood	KS-102e-RW	●	
		HP102e-LA	Light Oak	KS-102e-LA	●	
	HP101	HP101-MH	Mahogany	KSC-26-MH		●
		HP101e-RW	Rosewood	KS-101e-RW	●	
	HPi-7	HPi-7	Mahogany	KSC-20-MH	●	●
		HPi-7LE	Mahogany	KSC-22-MH	●	●
	HPi-5	HPi-5	Mahogany	KS-05	●	●
DP-Series		DP-900	Light Cherry	Included	●	●
F-Series		F-50	Light Cherry	Included	●	●
FP-Series		FP-5	—	FPS-11A	●	●
		FP-2	—	FPS-11A	●	●
ep-Series		ep-760	—	KS-ep-760	●	●

*The descriptions above are subject to change. Please check with your local Roland dealer for further details on finishes and availability.

FR-7/5
V-Accordion

V-Accordion

PBM (Physical Behavior Modeling)

At the heart of the FR-7/-5 is Roland's new, proprietary PBM (Physical Behavior Modeling) sound engine and sound modeling technology. Physical Behavior Modeling uses complex algorithms (as opposed to sampled sounds) to accurately model an acoustic accordion's sound characteristics. The result is a faithful recreation of the actual physical behavior and expressive nuances of an acoustic instrument.

- *128 voices, realistic tone, and expressive simulations of a wide range of traditional accordions*
- *Cassotto Modeling recreates the "wooden chamber" resonance that occurs when a single footage or full sound is placed inside or outside of the Cassotto*
- *22 onboard orchestral sounds and 7 orchestral bass sounds that can be mixed together with traditional accordion sounds*
- *Portable, lightweight, and expandable via MIDI*
- *Expand creative possibilities and explore new performance options not achievable using traditional instruments*
- *The FR-7 is the complete all-in-one model, the FR-5 offers more affordable, lighter weight by eliminating amplifier, speakers, and battery (optional) from FR-7*

** Color variations, dark gray and red finishes available for both FR-7 and FR-5*

Specifications

Covered by U.S. Patent No. 6,946,594

● **Keyboard & Bellows** Right Hand: 41 Keys Piano Type with velocity and aftertouch, Left Hand: 120 Bass buttons with velocity, Keyboard Mode: Right Hand: Solo, Dual, High/Low (for Orchestral Sounds), Left Hand: Standard, Free Bass, Bellows: Real pneumatic detection of bellows pressure, by a high resolution pressure sensor ● **Sound** Max. Polyphony: 128 voices, Tones: Accordion Set: 30 full programmable * Each Accordion Sets including: 14 Treble registers, 7 Bass registers, 7 Free Bass registers, 22 Orchestral sounds, Treble Reed Footages: 7, Bass Reed Footages: 5, Chord Reed Footages: 3, Free Bass Footages: 2, Orchestral Sounds: 22: Trumpet, Trombone, Alto Sax, Violin, Jazz Organ, Scat Voice, Acoustic Piano, Acoustic Guitar, etc. Orchestral Bass Sounds: 7: Acoustic Bass, Bowed Bass, Fingered Bass, Picked Bass, Fretless Bass, Bariton Tuba, Bariton Tuba + E.Bass ● **PBM (Physical Behavior Modeling)** Noises: Stopping-reed growl, Closing valve noise, Left button noise, Individual Reed Simulation: Hysteresis threshold, Expression curve, Pressure variant filter, Pressure variant pitch deviation, Switching Reed Sound Wave: By bellows acceleration, By note repetition speed ● **Musette Tuning** Musette-Micro-Tuning Presets: 16: Off (Standard), Dry, Classic, Mauge, American L/H, North Europe, German L/H, Morn L/H, Alpine, Italian L/H, French, Scottish ● **Effects** Reverb: 8 Types, Chorus: 8 Types, Delay: 10 Types, Rotary for Orchestral Organ Sound: Slow/Fast, "Cassotto" and "Sordina" Simulation: Yes ● **Panel Controls** Knob Controls: Volume, Treble/Bass balance, Reverb, Chorus, Delay, Encoder: Data Edit with Enter switch ● **Panel Switches** Treble Registers: 14 + Master + Orchestra, Bass Registers: 7, Navigation Switches: Up, Down, Menu/Write, Exit/Jump, Other Switches: Accordion Set Up/Down, Sordina On/Off, Power ● **Speakers** (FR-7 only): 10cm x 2 speakers (using Neodymium Transducer Magnets), Tweeters x 2 ● **Connectors** Headphone jack (Stereo), Output jack (Stereo), Multi Connector (to FBC-7), Battery (FR-7 only, optional for FR-5): Rechargeable Ni-Mh battery pack 24V-4500mAh ● **Color Variation** Dark Grey (FR-5 Grey, FR-7 Grey), Red (FR-5 Red, FR-7 Red), Supplied ● **Accessories** FBC-7 (Power supply/Battery charger), Owner's Manual, Straps ● **Dimensions** 528 (W) x 423 (H) x 275 (D) mm (20-13/16" x 16-11/16" x 10-7/8") ● **Weight** FR-7: 11.7 kg (25 lbs. 13 oz.) FR-5: 9.5 kg (19 lbs. 14 oz.) ● **Options** Gigbag for V-Accordion (BAG/FR), Gigbag for FBC-7 (BAG/FBC-7), Battery Pack (BTY/FR)

C-190
Classic Organ

NEW

- *76 keys for two-manual performances*
- *New 128-voice polyphonic sound engine*
- *Flexible combination of sounds*
- *High-quality sound and unlimited combination*
- *Unique Windchest Panning feature*

Specifications

● **Keyboard** Number of Keys: 76 (to simulate two manuals), Key velocity: Available for orchestra tones (not for organ voices) ● **Sound Generator and polyphony** PCM Sound Generator, 128-voice polyphony ● **Tones** Pedal Division (Subbass 16', Principal Bass 16', ViolinBass 16', OctaveBass 8', Gedackt 8', Bombarde 16', Trumpet 8', Choral Bass 4', Clarinet 4'), Manual I Division (Principal 8', Diapason 8', Bourdon 8', Spitzflöte 4', Rohrflöte 4', Principal 4', Octave 2', Waldflöte 2', Mixture IV 1-1/3', Sesquialtera II 1-1/3', Sifflet 1', Trompette 8', Trompette 8', Regal 8', Trompette 4'), Manual II Division (Bourdon 8', Flute 8', Geigen Principal 8', Gemshorn 8', Viole Celeste II 8', Salicional 8', Gambe 16', Prestant 4', Koppelflöte 4', Fugara 4', Quinte 2-2/3', Doublette 2', Tierce 1-1/3', Scharff III 1', Vox Humana 8', Fagott 16', Krummhorn 8', Hautbois 8', Clarion 4'), Orchestra Tones (14 orchestra Tones (PEDAL: Ac. Bass, Stringed, Cello. MANUAL I: Piano, E. Piano, Guitar, Strings, Choir. MANUAL II: Harpsi, Brass, Violin, Oboe, Flute, Chimes)) ● **Effect** Reverb: 8 different types, with adjustable depth ● **Panel Controls** VOLUME, PEDAL and MANUAL I sliders, 15 tilt tabs with orange indicators, TRANSPOSE button, TUNE button, UP/DOWN buttons, ORCHESTRA button, SET/SPLIT button, M1/2 (memory bank selection), MEMORIES buttons for 2 x 4 registrations, REC button, PLAY button, REVERB button, WINDCHEST PANNING button ● **Other functions** Demo Songs: 28 Demo Songs (4 Banks: Weddings, Orchestra, Variety, Bach), Transpose: –5 to +6 (in semitones), Recorder: Easy 1-track Recorder (records notes and setting), 4 song memories ● **Connectors** PEDAL IN (to connect PK-5A/ PK-7/ PK-25), MIDI IN & OUT, OUTPUT Stereo (L/Mono, R), EXP/SUST (sustain works only for orchestra tones) ● **Rated Power Output** 10W + 10W ● **Speakers** 10cm x 2 ● **Power Supply** PSB-4U adapter ● **Dimensions** 1,156 (W) x 347 (D) x 108 (H) mm (45-9/16" x 13-11/16" x 4-1/4") ● **Weight** 11.0 kg (24 lbs. 5 oz.) ● **Accessories** Owner's manual, PSB-4U Adaptor, Power Cord, Music Rest ● **Options** Keyboard Stand (KS-C-190), Pedalboard (PK-5A/ PK-7/ PK-25), Pedal (DP-2), Expression Pedal (EV-5)

** KS-C-190 Keyboard Stand is optional.*

C-180
Classic Organ

- *61-key organ keyboard; 24-voice polyphony*
- *Equipped with 10 individual stops in a tilt-tab shape*
- *10 manual organ tones and 2 bass organ tones*
- *11 orchestra tones and 2 bass orchestra tones*
- *Easy-to-use controls: 4 programmable Preset memories, 1 overall volume control, 1 volume control for the bass section*

Specifications

● **Manual** 61 keys (velocity sensitive in orchestral mode and in MIDI Out) ● **Max. Polyphony** 24 ● **Manual Organ Tones** Principal 8', Gemshorn 8', Gedackt 8', Octave 4', Spitzflote 4', Nazard 2-2/3', Super Octave 2', Quintflote 1-1/3', Mixture IV, Trompete ● **Bass Organ Tones** Subbass 16', Octave 8' ● **Orchestra Tones** Piano, Electric Piano, Harpsichord, Chimes, Strings, Slow Strings, Harp, Brass, Electronic Organ, Choir 1, Choir 2 ● **Bass Orchestra Tones** String Bass, Electric Bass ● **Parts** 5 ● **Temperaments** Mean Tone, Pythagorean, Kirnberger, Werkmeister I, Equal Tone ● **Effect** Reverb ● **Connectors** Headphones x 2 (stereo), Sustain, Expression pedal, MIDI (In, Out), Audio Output (L/Mono, R), AC/DC Adaptor ACJ ● **Speaker** 4-3/4" (12 cm) x 2 ● **Dimensions** 963 (W) x 121 (D) x 321 (H) mm (37-15/16" x 4-13/16" x 12-11/16") ● **Weight** (excl. optional organ stand) 7.5 kg (16 lbs. 9 oz.) ● **Accessories** AC Adaptor (ACJ-100), Music Rest

■ **Organ Stand : KS-C180**

G-70 Version 2
Music Workstation

DigiScore V-LINK NEW

- *Roland's most powerful arranger workstation — best sound engine, highest sound quality, brand new styles*
- *192MB internal WAV ROM, 1,596 panel tones, 48 drum kits*
- *76-key pro-action keyboard*
- *Harmonic Bar section with Virtual Tonewheel technology*
- *Expandable via optional SRX-series and SR-G01 Wave Expansion Board*
- *Vocal Harmonist, with Auto Pitch Correct and Vocoder*
- *299 styles covering 12 genres, 16-track sequencer and 8-track Style composer (with Micro and Piano Roll editing), Song to Style Converter*

- *New Guitar Mode function (available also on 16-track sequencer and 8-track Style composer)*
- *DigiScore and Lyric display, Mic input, with noise gate, compressor, 9 reverbs, 9 delays*

GENERAL MIDI2 XG XGlite SMF LYRICS 1 SRX USB

Specifications

● **Keyboard** 76 key Pro-Action Keyboard with aftertouch **[Sound source]** ● **Max. Polyphony** 128 voices ● **Tones** 1596 panel tones, 48 Drums kits, Wave memory 192MB (16-bit liner equivalent) **[Harmonic Bar]** Based on Virtual ToneWheel technology ● **SRX Expansion board slot** Yes, 1 (for SRX series/SR-G01) ● **Multi timbre parts** 32 ● **Effect Processors** 7 dedicated effects processors for: Realtime section - 12 Reverb, 6 Chorus/84 multi EFX., Backing (Song/Style) - 8 Reverb, 8 Chorus , Harmonic Bar section - Rotary, Vibrato and Overdrive, External Audio Input - 84 effects, Mic Input - Noise Gate, Comp. 9 Reverb, 9 Delay, Harmonist section - 9 Reverb, 9 Delay, 9 Chorus, Mastering section - Parametric EQ, Multi Band Comp. ● **Compatibility** GM2/GS/XG Lite **[Styles]** ● **Preset styles** 299 styles on 12 families ● **Variation/Intro/Ending/Fill In** 4 variations/4 Intro/4 Ending/6 Fill In, Break Mute on Assign SW ● **Sync Start, Sync Stop** Yes ● **User Style Composer** 8 tracks with Micro and Piano Roll editing ● **Direct Media Link** Yes ● **One Touch Setting** 4 for each Style, programmable ● **Cover** For Songs and Styles, 30 ALL, 18 Drum, 24 Bass ● **Makeup Tools** For Songs and Styles **[Panel controls]** ● **Multi-function sliders** 9 ● **Rotary encoder with push switch** Yes ● **Cursor** Inc, Dec, Up, Down, Right, Left ● **Pitch Bender and Modulation** Yes ● **D Beam** Yes, (4 modes) ● **Keyboard/Accomp Balance** Yes ● **External Source Volume** Yes ● **Keyboard Part/Tone Assign Switches** Upper1, Upper2, Upper3, Lower1, Lower2, Manual Bass ● **Display** Color Touch Screen with click noise **[Player/Recorder]** ● **Mark/Jump** Yes, 4 location for each song ● **Sequencer** 16 tracks with Micro and Piano Roll editing ● **DigiScore** Yes ● **Lyrics Display** Yes with Chord Extractor ● **Text Import/Export** Yes **[Harmonic Bar]** Virtual ToneWheel technology ● **for Upper1/Lower1** 9 bars: 16', 5-1/3', 8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1' ● **for Manual bass** 2 bars: 16', 8' ● **Percussion** On, Off, 2-2/3', 4', Slow, Fast ● **Leakage level** Min-Max ● **Registrations** 8 set **[Vocal Harmonist]** ● **Mode** 4 Modes: Talk, Voice-FX, Auto Pitch, Singer ● **Programmable Harmony** 3 Types: 30 Small, 30 Ensemble, 24 Vocoder ● **User Programs:** Unlimited ● **Music Assistant:** about 500 presets, programmable **[Data Storage]** ● **FDD** 3.5" HD/DD ● **Internal SSD (Solid State Disk)** about 50MB ● **PC Card Slot** 1 (supports: Microdrive, Compact Flash, Memory Stick, Smart Media, using Card adaptor) ● **Type of files managed** Style, Song (SMF), User Program, MIDI Set, Play List, File.txt **[Other functions]** ● **Guitar Mode** acoustic/electric (available also in 16-track sequencer/8-track Style composer) ● **Finder** Song, Style, User Program ● **Easy Setting** Arranger, Organ, Piano, Guitar Mode ● **Chord Alteration System** Adaptive Chord Voicing ● **Melody Intelligent** Yes, 18 Type (with tone customizing) ● **Tap Tempo** Yes ● **Transpose with Singer Key Adapter** Yes, -6 ~ +5 ● **Song Chord Extractor** Yes ● **Fade OUT/IN** Yes, programmable ● **Assignable SW** Yes, 2 programmable ● **V-LINK** Yes ● **Updating system** Yes, on Flash **[Connectors]** ● **USB** 1, for File transfer/MIDI ● **MIDI** IN, OUT, THRU ● **Audio Output** Main (L/mono,R), Direct (L,R), Vocal Harmonist (L,R), Metronome Output ● **Audio Input** External audio input (L,R), Vocal Harmonist Input (XLR/TRS, Phone balanced/unbalanced) ● **Jacks** 1 x Hold Pedal, 1 x Assignable Switch, 1 x Foot Pedal, 1 x FC-7 Control Pedal ● **Video Output** Yes, for Lyrics and Cord (2 types) ● **Phones** 1 **[Other]** ● **Power Consumption** 29W ● **Dimensions** 1,294.5 (W) x 436.5 (D) x 157 (H) mm (51" x 17-3/16" x 6-3/16") ● **Weight** 20.5 kg (45 lbs. 4 oz.) ● **Accessories** Power Cord, Music Stand

GW-7
Workstation

- *Affordable, friendly workstation with international-pop sounds and arrangements*
- *61-key velocity sensitive keyboard, 64-note polyphony*
- *Over 860 Tones, 60 Drum Kits, 110 Performances*
- *47 types of Multi-FX, 8 types of reverb, 8 types of chorus*
- *USB for transferring styles and SMF songs*
- *16-track sequencer with Punch-In/Out*
- *D Beam for expressive realtime performance*
- *Bonus newly sampled ethnic instruments and authentic styles*

GENERAL MIDI2 USB

Specifications

● **Keyboard** 61 keys (with velocity) **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Parts** 16 parts + Keyboard part ● **Wave Memory** 32 M bytes (16-bit linear equivalent) ● **Preset Memory** Tones: 606 + 256 (GM2), Drum Sets: 51 + 9 (GM2), Performances: 110 ● **User Memory** Tones: 128, Drum Sets: 16, Performances: 32 ● **Effects** Multi-FX: 47 types, Reverb: 8 types, Chorus: 8 types ● **Transpose** -12 to +12 [Backing Track] ● **Tempo** 20 to 250 ● **Tracks** 16 ● **16-track Recorder Mode** 4 easy modes (ALL, Keyboard, Single, Punch In/Out) ● **Preset Memory** Styles: 110 ● **User Memory** Styles: 99, Songs: 99 ● **Band Type** 3 levels: Drum & Bass, Combo, Full Band **[USB (Data transfer)]** ● **Operating System** Windows: Windows 2000/Me/XP, Macintosh: Mac OS 9.0.4 or later, Mac OS X 10.0 or later ● **Controllers** D Beam Controller: 1, Pitch Bend/Modulation Lever: 1, Control Knobs: 2 ● **Display** Large backlit custom LCD ● **Connectors** Output Jacks (L/MONO, R), Headphones Jack, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, USB Connector ● **Power Supply** DC 9 V (AC Adaptor), Current Draw 1,000 mA ● **Dimensions** 1,045 (W) x 320 (D) x 86 (H) mm (41-3/16" x 12-5/8" x 3-7/16 ") ● **Weight** 5.0 kg (11 lbs. 1 oz.) (excluding AC adaptor) ● **Accessories** Owner's Manual, AC Adaptor (ACI Series or PSB-1U) ● **Options** Pedal Switch: DP-2, DP-8, Foot Switch: BOSS FS-5U, Expression Pedal: EV-5

EXR-7s
Interactive Arranger

V-LINK

- *76-note keyboard*
- *510 high quality instrument sounds plus 21 Super Tones and 20 drum kits*
- *Total 164 "live feel" Music Styles and 126 Music Assistant Settings*
- *Total 4MB* Flash Memory and USB port for musical expandability*
- *Unique Cover function for Styles and Songs*
- *Dedicated Style Selection buttons*

**About 2.5MB is used with pre-loaded style/song data.*

GENERAL MIDI2 XG XGlite USB

Specifications

● **Keyboard** Keyboard: 76 Keys Touch Sensitive (improved key action) Keyboard Mode: Whole, Split, Dual ● **Max. Polyphony** 64 voices ● **Tones** 531 panel tones including 21 Super tones, 542 XG-compatible tones / 256 GM2-compatible tones ● **Drum Kits** 20 Drum Kits ● **Parts** 19 ● **Styles** Total 164 (84 in ROM, 80 in Flash Memory), One Touch: 2 x 84, Band, Orchestrator: 3 levels: Drum & Bass, Combo, Full Band, Chord Recognition Mode: Mode 1, Mode 2, Piano Mode ● **Songs** Up to 99 in the Flash memory ● **Cover** For Song and Style, 5: Acoustic, Rock, Pop, Dance, Ethnic ● **User Programs** 100 ● **Effects** Reverb: 8 types, Chorus: 8 types, Multi-FX: 47 types ● **Data Storage** FDD 3.5" 2HD/2DD, Internal Flash Memory: Total 4MB for Styles and Songs (about 2.5MB is preloaded) ● **Other functions** D Beam, 3 easy mode Piano Solo, Piano Mode, Arranger/Band, Music Assistant: 126, Melody Intelligent: 18 types, Sync Start/Stop, Re-start Style, Octave: -3 to +3, Key Transpose: -12 to +12 ● **Connections** USB: For File transfer and MIDI, MIDI: In, Out, Output Jacks: L/mono, Right, Phones: 2, Foot Switch: 1, Sustain, Programmable ● **Output** Output Power: 10W + 10W with "Digital Bass Enhancer" ● **Speakers** 13 cm x 2, Bass Reflex System ● **Accessories** Owner's Manual, AC Adaptor, Music Rest, USB cable ● **Dimensions** 1260 (W) x 373 (D) x 139 (H) mm (49-5/8" x 14-11/16" x 5-1/2") ● **Weight** 12 kg (26 lbs. 8 oz.)

EXR-5s/3s
Interactive Arrangers

V-LINK

- *Maximum 64 voice polyphony*
- *510 high quality instrument sound and 20 drum kits*
- *Total 164 "live feel" Music Styles and 126 Music Assistant Settings*
- *Total 4MB* Flash Memory and USB port for musical expandability*
- *Unique Cover function for Styles and Songs*

**About 2.5MB is used with pre-loaded style/song data.*

■ EXR-5s

■ EXR-3s

GENERAL MIDI2 XG XGlite USB

Specifications

● **Keyboard** Keyboard: 61 Keys Touch Sensitive Keyboard, Mode: Whole, Split, Dual ● **Max. Polyphony** 64 voices ● **Tones** 510 panel tones, 542 XG-compatible tones / 256 GM2-compatible tones ● **Drum Kits** 20 Drum Kits ● **Parts** 19 ● **Styles** Total 164 (84 in ROM, 80 in Flash Memory), One Touch: 2 x 84, Band, Orchestrator: 3 levels: Drum & Bass, Combo, Full Band, Chord Recognition Mode: Mode 1, Mode 2, Piano Mode ● **Songs** Up to 99 in the Flash memory ● **Cover** For Song and Style, 5: Acoustic, Rock, Pop, Dance, Ethnic ● **User Programs** 100 ● **Effects** Reverb: 8 types, Chorus: 8 types, Multi-FX: 47 types ● **Data Storage** FDD 3.5" 2HD/2DD, Internal Flash Memory: Total 4MB for Styles and Songs (about 2.5MB is preloaded) ● **Other functions** 3 easy mode Piano Solo, Piano Mode, Arranger/Band, Music Assistant: 126, Melody Intelligent: 18 types, Sync Start/Stop, Re-start Style, Octave: -3 to +3, Key Transpose: -12 to +12 ● **Connections** USB: For File transfer and MIDI, MIDI: In, Out, Output Jacks: L/mono, Right, Phones: 2, Foot Switch: 1, Sustain, Programmable ● **Rated Power Output** EXR-5s: 10W x 2, EXR-3s: 5W x 2 ● **Speakers** EXR-5s: 13 cm x 2 with Bass Reflex System, EXR-3s: 12 cm x 2 ● **Dimensions** 1,020 (W) x 355 (D) x 132 (H) mm (40-3/16" x 14" x 5-1/4") ● **Weight** EXR-5s: 8 kg (17 lbs. 11 oz.), EXR-3s: 7 kg (15 lbs. 7 oz.) ● **Accessories** Owner's Manual AC Adaptor, Music Rest, USB Cable

EXR-40OR
Interactive Arranger

V-LINK NEW

- *High-quality 64-voice polyphonic sound engine stocked with oriental instrument samples, rhythms, and styles*
- *12 Scale Tuning buttons, plus 3 dedicated memory selection buttons for realtime scale changes*
- *200 User Programs with advanced features for live applications*
- *Built-in sound system with Bass Reflex feature and Digital Bass Enhancer*
- *16-track sequencer and metronome*
- *4MB of internal Flash memory for musical expandability*
- *8 types of reverb, 8 types of chorus, and 47 MFX*
- *USB for MIDI communication and data exchange with a computer*
- *Convenient One-Touch settings*

GENERAL MIDI2 XG XGlite USB

Specifications

● **Keyboard** 61 keys, velocity sensitive **[Sound source]** ● **Max. Polyphony** 64 voices ● **Tones** 592 selectable by panel including 56 oriental and 26 drum kits (compatibility with 542 XG and 256 GM2) ● **Drum Sets** 26 Kits including 6 oriental ● **Multitimbral parts** 19 ● **Compatibility** GM2, GS, XG Lite **[Panel Layout]** ● **Display** New backlit custom display ● **Tone Select** 1 – 8, Family + Number ● **Numeric keypad** 0 – 9 ● **Oriental Scale buttons** 12, with LED ● **Scale Memory buttons** 3, with LED **[Styles]** ● **Styles** 99 factory (internal) + 99 changeable (external) ● **One Touch** 2 for each factory Style ● **Orchestrator** 3 levels **[Player/Recorder]** ● **Realtime SMF player** Yes ● **16-track sequencer** 4 easy modes: All, Count-In, Single, Punch In/Out **[User Programs]** ● **User Programs** 200 **[Effects]** ● **Reverb** 8 types ● **Chorus** 8 types ● **Multi-effects** 47 MFX types **[Data Storage]** ● **FDD** 3.5": 2HD/2DD **[Other functions]** ● **Metronome** Yes ● **Time Signature setting** 1/4, 2/4, 3/4, 4/4, 5/4, 6/4,7/4, 8/4, 9/4, 1/8, 2/8 3/8,4/8, 5/8, 6/8, 7/8, 8/8, 9/8 ● **Easy modes** 3 (Piano Solo, Piano Mode, Arranger Band) ● **Music Assistant** 126 settings ● **Melody Intelligence** 18 types ● **V-LINK** Yes ● **Output Power** 10W + 10W with "Digital Bass Enhancer" ● **Stereo Speakers** 2 x 13 cm **[Connectors]** ● **USB** MIDI communication and file transfer ● **Headphones** 2 ● **Audio Outputs** L, R ● **MIDI** IN, OUT **[Other]** ● **Dimensions** 1,020 (W) x 355 (D) x 132 (H) mm (40-3/16" x 14" x 5-1/4") ● **Weight** 8.0 kg (17 lbs. 11 oz.)

EM-15
Creative Keyboard

- *Affordable arranger keyboard with 61 velo-city-sensitive keys and genuine Roland sounds*
- *16-part multitimbral; 226 GM/GS-compatible sounds and 9 drum kits*
- *Onboard arranger with 64 styles and unique Style Morphing/Style Orchestrator functions*
- *Easy-to-use; large icon-based display and dedicated function buttons*
- *New educational games: Guess the Tone Style and Chord Finder*
- *Built-in stereo sound system*

GENERAL MIDI

Specifications

● **Keyboard** 61 keys (with velosity) ● **Sound source** Conforms to GM/GS ● **Tones** 226 + 9 Drum Sets ● **Part** 16 ● **Music Styles** 64 ● **Display** Backlight Custom Display ● **User Programs** 8 ● **One Touch** 4 for each style ● **Effects** Reverb (8 types), Chorus (8 types) ● **Connectors** MIDI (In, Out), Phones 1/Output, Phones 2, Sustain Footswitch ● **Power Supply** 12 V-500 mA (ACN Adaptor) ● **Rated Power Output** 3W x 2 ● **Dimensions** 956 (W) x 346 (D) x 128 (H) mm (37-11/16" x 15-5/8" x 5-1/16") ● **Weight** 6.5 kg (15 lbs.) ● **Accessories** AC Adaptor, Music Rest

EM-15OR
Oriental Creative Keyboard

- *Affordably-priced arranger keyboard developed for Oriental music*
- *61 velocity-sensitive keys; 16-part multitimbral operation*
- *226 Tones and 22 Oriental Tones; 9 drum kits plus 1 Oriental drum kit; 64 styles including 32 Oriental styles*
- *Easy 2-track song recorder for recording user performances*
- *12 Oriental Scale buttons for instant alternate tunings*

GENERAL MIDI

Specifications

● **Keyboard** 61 keys (with velocity) ● **Tones** GM/GS compatible, 226 Western Tones + 22 Oriental Tones, 9 Western Drum Sets + 1 Oriental Drum Set ● **Parts** 16 ● **Music Styles** 64 with Style Morphing (5 combinations per Style) and Orchestrator (3 levels per Style) ● **Display** Custom graphic display (backlit) ● **Rated Power Output** 5W x 2 ● **Connectors** Phones 1/Output (headphones or audio) Phones 2 (headphones) MIDI (In, Out) Sustain Footswitch ● **Dimensions** 956 (W) x 346 (D) x 128 (H) mm (37-11/16" x 15-5/8" x 5-1/16") ● **Weight** 6.5 kg (15 lbs.) ● **Accessories** AC Adaptor, Music Rest

Compact Pedal Effects BOSS

Compact Pedal Effects

ADD DISTORTION

OD-3
OverDrive

Classic BOSS overdrive, based on a dual-stage design with Variable Drive and Tone controls.

OS-2
OverDrive/ Distortion

A flexible pedal capable of producing overdrive, distortion, or a combination of both.

SD-1
SUPER OverDrive

Produces warm, smooth overdrive that responds to your picking style just like a tube amp.

BD-2
Blues Driver®

Get the tone of a bluesy, vintage tube amp in a versatile compact pedal.

ADD DISTORTION

DS-2
TURBO Distortion

Features twin modes for an expanded range of distortion from blues-rock rhythms to searing leads.

DS-1
Distortion

A classic! Add some hard-edged distortion while preserving the subtle nuances of your playing dynamics.

MT-2
Metal Zone®

Features dual-gain circuitry for thick, tube stack distortion. Includes a 3-band EQ with semi-parametric mids.

MD-2
Mega Distortion

This pedal's dual Distortion and Gain Boost circuits are ideal for "nu-school" metal sounds.

ADD ACOUSTIC DIMENSION

DD-6
Digital Delay

A stereo delay with delay/hold times up to 5,200ms, plus unique Reverse and Warp effects.

DD-3
Digital Delay

Creates delays from 12.5ms to 800ms. Includes three distinct modes and a cool Hold function.

RV-5
Digital Reverb

A stereo pedal with six pro-quality reverbs including spring reverb, and a new Modulate mode.

MODULATE AND DOUBLE SOUNDS

CE-5
Chorus Ensemble

Produces everything from mild, natural chorusing to the penetrating stereo chorus popular in contemporary music.

MODULATE AND DOUBLE SOUNDS

CH-1
SUPER Chorus

Delivers a clean chorus sound with crystal-clear highs, plus a unique stereo effect and EQ.

BF-3
Flanger

An advanced pedal with BOSS' thickest stereo flanging ever, plus new Gate/Pan and Slicer effects.

PH-3
Phase Shifter

Features vintage BOSS phasing effects including new "Rise" and "Fall" effects and tap tempo sync.

TR-2
Tremolo

Reproduces the classic tremolo effects of vintage '60s amps using a Low Frequency Oscillator (LFO).

CHANGE TONALITY OF SOUNDS

GE-7
Equalizer

Offers 7-band equalization with frequencies from 100Hz to 6.4kHz and a 15dB boost/cut per band.

AW-3
Dynamic Wah

A unique wah capable of producing human-voice type sounds. Includes a dedicated Bass input.

AC-2
Acoustic Simulator

Turn your electric guitar into an acoustic using four modes: Standard, Jumbo, Enhance, and Piezo.

REGULATE GAIN LEVELS

CS-3
Compression Sustainer

Compresses louder signals while boosting lower signals for smooth sustain without loss of signal quality.

CHANGE A SOUND'S PITCH

PS-5
SUPER Shifter

Combines intelligent pitch shifting (+/-2 octaves) and Harmonist functions with new Tremolo Arm/Flutter effects.

OC-3
SUPER Octave

This guitar/bass pedal has the original OC-2 effects, new Polyphonic Octave effects, and a Drive mode.

REDUCE NOISE

NS-2
Noise Suppressor

Features a unique noise detection circuit that eliminates noise and hum without altering your tone.

CHANGE CONNECTIONS

LS-2
Line Selector

The easy way to switch settings among several effects or amplifiers, or route input/output signals.

BASS EFFECT UNITS

ODB-3
Bass OverDrive

An overdrive effect designed to cover the frequency range of bass guitars, including 5-string basses.

CEB-3
Bass Chorus

A split-frequency chorus capable of applying warm, rich chorus to higher frequencies without muddying the lows.

GEB-7
Bass Equalizer

A 7-band EQ with a frequency range from 50Hz to 100kHz—ideal for bass guitar.

LMB-3
Bass Limiter Enhancer

Smoothes out your playing by eliminating harsh volume peaks, even when using slap and pop techniques.

BASS EFFECT UNITS

SYB-5
Bass Synthesizer

Utilizing the latest in DSP technology, the SYB-5 emulates the fat, cutting sounds of classic analog synthesizers.

Tuner

TU-2
Chromatic Tuner

Legendary BOSS tuning in a compact pedal. A 7-segment LED and 11-point Stream Meter make tuning easy.

Compact Pedal Effects Specifications

● **Dimensions** 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") ● **Weight** (depending on the model) 400 to 450 g (15 oz. to 1 lb.) ● **Accessory** Dry Battery ● **Option** AC Adaptor

RT-20 Rotary Sound Processor

TWIN PEDAL NEW COSM

- *Authentic rotary speaker sounds by COSM® technology*
- *Slow/Fast transition time is adjustable from gradual to rapid change; optional Expression pedal can control speed in real time*
- *Onboard Overdrive effects*
- *Adjustable mix balance between Treble Rotor and Bass Rotor*
- *4 types of sounds, from standard rotary speaker effects to rock-oriented tones, UNI-V, and more*
- *Guitar/Keyboard switch*
- *Dazzling virtual-rotor display*

Specifications

● **Nominal Input Level** -20dBu ● **Input Impedance** 1 MΩ ● **Output Impedance** 1 kΩ ● **Recommended Load Impedance** 10 kΩ ● **Connectors** Input A (Mono) (1/4" phone type), Input B (1/4" phone type), Speed (EXP Pedal) (1/4" phone type), Phones (stereo 1/4" phone type), Output A (Mono) (1/4" phone type), Output B (1/4" phone type), AC Adaptor ● **Power** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessories** Dry Battery (R6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series) ** 0 dBu= 0.775 Vrms*

OD-20 Drive Zone

TWIN PEDAL COSM

- *22 COSM® models of vintage, modern, and boutique overdrive/distortion pedals—plus all-new drive sounds*
- *Attack Shape control adjusts overdrive's response dynamics to your playing*
- *Heavy Octave parameter creates sounds one octave below low notes—great for heavy, single-string riffs!*
- *4 User memories for storing custom settings*
- *Line output with Amp simulator; also works as headphone output*
- *Amp Control jack for switching amp channels from the OD-20*

Specifications

● **Memories** 4 ● **Connectors** Input, Amp Control, Line Out/Phones, Output, AC Adaptor (DC 9 V) ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

DD-20 GIGA DELAY

TWIN PEDAL

- *BOSS' most powerful delay pedal—up to 23 seconds of delay!*
- *11 delay modes including tape delay and sound-on-sound recording*
- *New "Smooth" and "Twist" modes create entirely new delay effects*
- *Memory function for changing delay modes seamlessly*
- *New push-button knob for easy delay time adjustment*

Specifications

● **Connectors** Input A (Mono) (1/4" phone type), Input B (1/4" phone type), Phones (stereo 1/4" phone type), Control Pedal (1/4" phone type), Output A (Mono) (1/4" phone type), Output B (1/4" phone type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.2 kg (2 lbs. 11 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

RC-20XL Loop Station™

TWIN PEDAL

- *Record and layer up to 16 minutes of live performance on 11 tracks*
- *Simultaneous mic and instrument recording with auto quantize for perfect loop timing*
- *Undo function makes it easy to erase the last overdub; Redo function recalls the last erased phrase*
- *Change loop tempo without changing pitch*
- *Footswitchable loop select (with optional FS-5U, FS-6)*

Specifications

● **Internal Memory** Recording time: 16 min. (max.), Maximum number of saved phrases:11 phrases (max.) ● **Power Supply** DC 9V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** 1.2 kg (2 lbs. 11 oz.) (incl. batteries) ● **Accessories** Dry Battery (LR6 (AA) type) x 6, Sound Library for RC-20XL (Sample Phrase CD) ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6)

CE-20 Chorus Ensemble

TWIN PEDAL

- *Six types of chorus including all-new effects and vintage sounds*
- *Brilliance knob for adjusting the chorus "sparkling" feel*
- *Ambience effect adds reverberation to chorus for increased dimension*
- *4 User memories with instant recall via onboard pedal*
- *Stereo In/Out for easy connection to guitars, keyboards, etc.*

Specifications

● **Memories** 4 ● **Connectors** Input (R/Mono, L) (1/4" phone type), Phones (stereo 1/4" phone type), Output (R/Mono, L) (1/4" phone type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

EQ-20 Advanced EQ

TWIN PEDAL

- *World's first programmable 10-band graphic equalizer pedal*
- *9 internal memories for storing user-created EQ settings*
- *Level switch for connection before amp or in effects loop (+4dB)*
- *Professional sound quality using superb A/D-D/A converters*

Specifications

● **Memories** 9 ● **Variable Range** Equalizer Control: – / + 15 dB, Level Control: – / + 15 dB ● **Connectors** Input, Output, AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

PW-10 V-Wah®

COSM

- *World's first COSM® modeling wah pedal, with 6 classic and modern wah pedal models*
- *Noise-free operation with advanced infrared pedal detection*
- *8 onboard Overdrive/Distortion effects to perfectly complement the wah sounds*
- *New "Voice" mode simulates "talking" vowel sounds*
- *New "Double Resonance" mode creates analog synth-type sounds*
- *"Uni-V" effect produces vintage swirling rotary sounds*
- *3 digital memories for saving customized sounds and instant recall*
- *Wah Range knob allows users to customize the filtering range instantly*

Specifications

● **Nominal Input Level** -20dBu ● **Nominal Output Level** -20dBu ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Current Draw** 55 mA (Expected battery life under continuous use; [Carbon: 14 hours], [Alkaline: 38 hours], These figures will vary depending on the actual conditions of use.) ● **Dimensions** 100 (W) x 270 (D) x 100 (H; max.) mm (3-15/16" x 10-11/16" x 3-15/16") ● **Weight** (incl. batteries) 1.3 kg (2 lbs. 14 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series) ** 0 dBu=0.775 Vrms*

BCB-60 Pedal Board

- *Lightweight pedal board for transporting a range of compact pedals and effects*
- *Padded interior can be customized to fit almost any effect — even from other manufacturers*
- *Exterior made of tough molded resin designed to withstand heavy impact*
- *Onboard 1,000mA AC adaptor for powering up seven devices; includes all cabling*

** Compact pedals and tuner not included and shown only for photography purposes.*

Specifications

● **Connectors** Input (1/4" phone type), Send (1/4" phone type), Return A/B (1/4" phone type), Output A/B (1/4" phone type), PSC In, DC Out ● **Power Supply** DC 9 V: AC Adaptor (PSC Series) ● **Dimensions** 670 (W) x 370 (D) x 100 (H) mm (26-7/16" x 14-5/8" x 3-15/16") ● **Weight** 3.8 kg (8 lbs. 7 oz.) ● **Accessories** AC Adaptor (PSC Series) 9 V, 1000 mA x 1, 8-pin Parallel DC Cable x 1, LL Cable (1/4" L-shaped ↔ 1/4" L-shaped; 5-1/8") x 5, LL Cable (1/4" L-shaped ↔ 1/4" L-shaped; 15-3/4") x 3, Spare Holding Pad x 1

GT-PRO

Editor Software Included

COSM

Guitar Effects Processor

- *BOSS's most powerful rack processor for stage and studio!*
- *Expanded pro-grade I/O section with XLR outs, three sets of send/returns, and a variety of control jacks*
- *Dual COSM Amp engines allows true two-channel operation*
- *Amp channels can be switched, layered, or panned in real-time; Dynamic mode allows channel switching based on picking dynamics*
- *200 preset patches and 200 user patches; 44 effects categories, up to 15 simultaneous FX blocks*
- *User configurable effect chain; any effect can be in any order in the signal path*
- *Solo Switch on the COSM amp section for instant lead tone*
- *Amp Control jack for switching external guitar amp channels*
- *24-bit converters and coaxial digital output for high-resolution recording*
- *Perfect for PC/Mac-based recording and patch management via single USB connection*

USB

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 400: 200 (User) + 200 (Preset) ● **Nominal Input Level** INPUT: -10dBu, PRE LOOP RETURN: -10dBu, LOOP 1/2 RETURN: -10dBu/+4dBu ● **Input Impedance** INPUT: 1 MΩ, PRE LOOP RETURN: 220 kΩ, LOOP 1/2 RETURN: 220 kΩ ● **Nominal Output Level** DIRECT OUT/TUNER OUT: -10dBu, MAIN OUT/SUB OUT: -10dBu/+ 4dBu, SUB OUT XLR: +4dBu, PRE LOOP SEND: -10dBu, LOOP 1/2 SEND: -10dBu/+ 4dBu ● **Output Impedance** DIRECT OUT/TUNER OUT: 2 kΩ, MAIN OUT/SUB OUT: 2 kΩ, SUB OUT XLR: 600Ω, PRE LOOP SEND: 2 kΩ, LOOP 1/2 SEND: 2 kΩ ● **Digital Output** EIAJ CP1201, S/PDIF ● **Display** 16 characters, 2 lines (backlit LCD)/2 characters, 7 segments LED ● **Connectors** <Front> INPUT Jack, PHONES Jack <Rear> INPUT Jack, DIRECT OUT/TUNER OUT Jack, MAIN OUTPUT Jacks (L (MONO), R), SUB OUTPUT Jacks (L (MONO), R), SUB OUTPUT XLR (L, R), PRE LOOP SEND Jack, PRE LOOP RETURN Jack, LOOP 1 SEND Jack, LOOP 2 SEND Jack, LOOP 1 RETURN Jack, LOOP 2 RETURN Jack, AMP CTL 1 Jack, AMP CTL 2 Jack, EXP PEDAL 1 Jack, CTL 1, 2 Jack, EXP PEDAL 2/CTL 3, 4 Jack, DIGITAL OUT (coaxial), USB, MIDI IN/OUT/THRU ● **Power Supply** AC 117/230/240 V ● **Power Consumption** 16 W ● **Dimensions** 482 (W) x 305 (D) x 89 (H) mm (19" x 12-1/16" x 3-9/16") EIA-2U rack mount type ● **Weight** 4.8 kg (10 lbs. 10 oz.) ● **Accessories** USB cable, GT-PRO software CD-ROM

Editor Software System Requirements
[Windows] ● **Operating System** Microsoft® Windows® XP Home Edition/XP Professional/2000 Professional/Me/98SE/98 ● **Computer** A Windows® compatible computer with a USB connector ● **CPU/Clock** Pentium®, Celeron™, Intel-compatible Processor/600MHz or higher ● **Memory** 128MB or more ● **Hard disk** 200MB or more of free space ● **Display resolution** 800 x 600 pixels or higher/65,535 colors (High Color 16-bit) or more
[Macintosh] ● **Operating System** Mac OS X v10.2.3 or later, Mac OS 9.x, Mac OS 8.6; This will not operate in the Classic environment of Mac OS X. When using this, the Classic environment must not be running simultaneously. ● **Computer** Apple Macintosh series computer with on-board USB port ● **CPU/Clock** PowerPC G3/600MHz or faster ● **Memory** 256MB or more ● **Hard disk** 200MB or more of free space ● **Display resolution** 800 x 600 pixels or higher/32,000 colors or more; Requires OMS 2.3.5 or later, Or requires FreeMIDI 1.3.5 or later on Mac OS 9/8.

GT-8

COSM

Guitar Effects Processor

- *BOSS's most powerful floor-based processor!*
- *Dual COSM Amp engine allows two different amp types to be assigned to the two channels*
- *Amp channels can be switched, layered, or panned in real-time; Dynamic mode allows channel switching by picking dynamics*
- *200 stunning preset patches and 140 user patches; 44 effects categories, up to 13 simultaneous FX blocks*
- *User configurable effect chain; any effect can be in any order in the signal path; independent External Effects loop section for inserting external effects anywhere in the signal patch*
- *Solo Switch on the COSM amp section for instant lead tone*
- *Amp Control jack for switching external guitar amp channels*
- *24-bit converters and coaxial digital output for high-resolution recording applications*

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 340: 140 (User) + 200 (Preset) ● **Nominal Input Level** INPUT: -10dBu, RETURN: -10dBu ● **Input Impedance** INPUT: 1 MΩ, RETURN: 220 kΩ ● **Nominal Output Level** OUTPUT: 0dBu, SEND: -10dBu ● **Output Impedance** OUTPUT: 2 kΩ, SEND: 2 kΩ ● **Digital Output** EIAJ CP1201, S/PDIF ● **Dynamic Range** 100 dB or greater (IHF-A) ● **Display** 16 characters, 2 lines (backlit LCD)/2 characters, 7 segments LED ● **Connectors** INPUT Jack, OUTPUT Jacks (L (MONO), R), PHONES Jack, SEND Jack, RETURN Jack, AMP CONTROL Jack, SUB EXP PEDAL/SUB CTL PEDAL1,2 Jack, DIGITAL OUT (coaxial), MIDI (IN, OUT), AC Adaptor Jack ● **Power Supply** AC 14 V: Supply AC Adaptor (BRC Series) ● **Current Draw** 650 mA ● **Dimensions** 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") ● **Weight** 4.8 kg (10 lbs. 10 oz.) (excl. AC Adaptor) ● **Accessory** AC Adaptor (BRC Series)

GT-6B

COSM

Bass Effects Processor

- *Professional bass multi-effects processor with COSM® technology*
- *True analog bypass and 24-bit converters for uncompromised sound quality*
- *COSM Bass Amp Modeling recreates the tone of many of the greatest bass amps and speaker cabinets in history*
- *New COSM Compression effect modeled after 4 well-known compressors*
- *Ultra-intuitive interface with analog-style knobs; built-in expression and control pedals*
- *Versatile effects including "Auto Slap" and sound-on-sound looping*
- *BOSS' best synth bass sounds with incredible tracking*
- *Balanced XLR output and coaxial digital output for recording*

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 120: 80 (User) + 40 (Preset) ● **Display** 16 characters, 2 lines (backlit LCD), 2 characters, 7-segment LED ● **Power Supply** AC 14 V: Supplied AC Adaptor (BRC Series) ● **Connectors** Input, Output (L(Mono), R), Phones, XLR Output [L/R (Mono/Direct)], Digital Out (Coaxial), Sub EXP Pedal/Sub CTL Pedal 1/2, MIDI (In, Out), AC Adaptor ● **Dimensions** 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") ● **Weight** (excl. AC Adaptor) 4.7 kg (10 lbs. 6 oz.) ● **Accessory** AC Adaptor (BRC Series)

ME-50

COSM

Guitar Multiple Effects

- *Floor-based multi-effects processor with BOSS' most intuitive interface ever*
- *30 Preset Patches including delay, modulation, reverb, compressor, and more*
- *Killer COSM® overdrive/distortion, plus rotary effects, Uni-V, and more*
- *Dedicated knobs for each effect section—no menus to navigate!*
- *Helpful Tone Modify function with Preset EQ settings*
- *Onboard expression pedal pre-routed to 6 modulation options or volume*
- *Rugged metal case with clear panel layout*

Specifications

● **AD Conversion** 24-bit + AF Method* ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Patches** 30 (User) ● **Effects** Tone Modify, Compressor, Overdrive/Distortion, Chorus, Phaser, Flanger, Harmonist, Tremolo, Pan, Vibrato, UNI-V, Rotary, Delay, Reverb, Noise Suppressor, Effects for Expression Pedal: Foot Volume, Wah, Resonance, Voice, Ring Modulator, Bend (+1 Octave, -1 Octave) ● **Display** 7-segment, 1-character LED ● **Connectors** Input, Guitar Amp (L/Mono, R), AUX In (Stereo Mini type), Phones/Line Out, AC Adaptor ● **Power Supply** DC 9 V: Dry batteries (R6/LR6 (AA) type) x 6, AC Adaptor (optional PSA Series) ● **Dimensions** 384 (W) x 225 (D) x 102 (H) mm (15-1/8" x 8-7/8" x 4-1/16") ● **Weight** (incl. batteries) 3.15 kg (7 lbs.) ● **Accessory** Dry Batteries (LR6 (AA) type) x 6 ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6) *AF Method (Adaptive Focus Method) This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

** 0 dBu=0.775 Vrms*

ME-50B

COSM

Bass Multiple Effects

- *Floor-based bass multi-effects processor with easy analog control*
- *COSM Compressor/Limiter and Drive effects, plus T-Wah, Slow Gear, and Defretter*
- *Innovative Sound Hold function for sustaining a low note while playing on top*
- *Dedicated knobs for each effect section—no menu-surfing!*
- *Easy Tone effects with Preset EQ templates for quick tone editing*
- *3 footswitches and onboard expression pedal routed to 6 options (such as Octave, Wah, etc.)*
- *Solid metal case built to withstand abuse*

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Patches** 24 (user) ● **Effects** Compressor / Limiter, Filter / Tone, T.Wah, Octave (Up / Down), Slow Gear, Defretter, Enhancer, Bottom Boost, Mid Shape, Hollow, Drive / Synth, Overdrive / Distortion, Bass Synth, Delay / Modulation, Delay, Phaser, Flanger, Chorus, Reverb, Noise Suppressor, Master EQ, Effects for Expression Pedal, Foot Volume, Wah, Resonance, Bend (+1 Octave, -1 Octave), Sound Hold, Kick Drum ● **Nominal Input Level** INPUT: -10dBu, AUX IN: -10dBu ● **Input Impedance** INPUT: 1 MΩ, AUX IN: 100 kΩ ● **Nominal Output Level** -10dBu ● **Output Impedance** 2 kΩ ● **Display** 7 segments, 1character LED ● **Connectors** INPUT jack, OUTPUT jacks L (MONO)/ R, AUX IN jack (Stereo Mini type), PHONES jack, FOOT SW (COMP ON/OFF, TEMPO), AC Adaptor jack ● **Power Supply** DC 9 V: Dry batteries (R6/LR6 (AA) type) x 6, AC Adaptor (PSA series: Optional) ● **Current Draw** 140 mA ● **Dimensions** 384 (W) x 225 (D) x 78 (H) mm (15-1/8" x 8-7/8" x 3-1/8"), Maximum height: 384 (W) x 225 (D) x 102 (H) mm (15-1/8" x 8-7/8" x 4-1/16") ● **Weight** 3.15 kg (7 lbs.) (incl. batteries) ● **Accessories** Dry Batteries (LR6 (AA) type) x 6 ● **Options** AC Adaptor: PSA Series, Foot Switch: FS-5U, FS-6

** 0 dBu=0.775 Vrms*

GS-10

Editor Software Included

COSM

Guitar Effects System with USB Audio Interface

- *The ultimate guitar processor with easy knob-based operation and convenient tabletop design*
- *COSM Amp Modeling and multi-effects derived from the popular GT-6/6B*
- *Up to 11 simultaneous effects including killer overdrive and distortion*
- *USB port for easy connection to PCs and Macs*
- *Includes a Guitar/Bass input, XLR Microphone input and stereo Auxiliary input*
- *Onboard stereo speaker system provides handy monitoring*
- *Comes with Cakewalk Music Creator recording software* and GS-10 editing software*

  ** Windows compatible*
- *Inject some serious star power into your GS-10 with new custom patches from guitar masters George Lynch, Yngwie Malmsteen, and Marty Friedman; Hendrix fans, there's a special bank of GS-10 patches waiting for you as well; now available for download at www.bosscorp.co.jp*

USB

Specifications

● **Rated Power Output** 1.5W + 1.5W ● **Signal Processing** AD: 24-bit + AF Method, DA: 24-bit, Digital Out/USB Audio: 24-bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 200 (Preset: 100, User: 100) ● **Digital Output** EIAJ CP1201, S/PDIF ● **USB** Audio In/Out (Stereo, 44.1kHz, 24-bit), MIDI (In, Out), MIDI Control (In, Out) ● **Connectors** Guitar/Bass Input, Mic Input (TRS balanced, 1/4" phone type), Mic Input connector (XLR balanced), AUX Input (L, R) (RCA pin type), Output (L, R) (RCA pin type), Guitar Amp Out, Phones, EXP Pedal/CTL (1, 2), Digital Output (coaxial), USB Connector, MIDI (In, Out), AC Adoptor ● **Power Supply** AC 14 V; AC Adaptor (BRC Series) ● **Current Draw** 800 mA ● **Dimensions** 329 (W) x 231 (D) x 85 (H) m (13" x 9-1/8" x 3-3/8") ● **Weight** 2.25 kg (5 lbs.) ● **Accessories** AC Adaptor (BRC Series), USB cable, GS-10 Software CD-ROM, Cakewalk Music Creator set (CD-ROM, Owner's Manual)

AD-8
Acoustic Guitar Processor

COSM

- *COSM technology models six of the world's finest acoustic guitars*
- *Body and String Enhance controls create warm, miked acoustic sounds*
- *4-band EQ and high-quality reverb tailored for acoustic guitar*
- *Onboard chromatic tuner with Mute function, plus Anti-Feedback control*
- *4 Preset memory locations for switching acoustic sounds instantly*
- *Balanced XLR outputs allow direct connection to PA systems*

Specifications

● **Tuner** [Reference Pitch] A4 = 438 to 445Hz (1Hz steps) [Tuning Accuracy] + / -3 cents ● **Connectors** Input (1/4" phone type), Phones (Stereo 1/4" phone type), Electric Guitar Amp Output (1/4" phone type), Unbalanced Output A (mono), B (1/4" phone type), Balanced Output A, B (XLR type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor (PSA Series: Optional) ● **Current Draw** 120 mA ● **Dimensions** 250 (W) x 180 (D) x 60 (H) mm (9-7/8" x 7-1/8" x 2-3/8") ● **Weight** (incl. batteries) 1.9 kg (4 lbs. 4 oz.) ● **Accessory** Dry Battery (R6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

AD-5
Acoustic Instrument Processor

- *Innovative "Acoustic" effect uses separate "Body" and "Ambience" controls to turn the brittle, sterile sounds of a piezo pickup into the rich, "airy" sound of a mic'd acoustic guitar*
- *High-quality Roland reverb, chorus and anti-feedback effects*
- *Specially voiced preamp with 4-band EQ*
- *Separate piezo and magnetic pickup inputs*
- *1/4" effects insert jack*
- *Stereo 1/4" unbalanced and balanced XLR outputs*
- *Preamp and effects can be bypassed for use as a dedicated DI box*

Specifications

● **AD Conversion** 21-bit + AF Method ● **DA Conversion** 20-bit, 4 Times Oversampling Digital Filter + ΔΣ Method ● **Sampling Frequency** 44.1kHz ● **Connectors** Inputs (Piezo, Magnetic), Insert (1/4" TRS phone type), Output (L/Mono, R), Output [L, R (XLR type)], Remote Jack, AC Adaptor ● **Power Supply** DC 9 V (Roland ACI or ACB Series) ● **Current Draw** 300 mA ● **Dimensions** 150 (W) x 155 (D) x 65 (H) mm (5-15/16" x 6-1/8" x 2-9/16") ● **Weight** (excl. AC Adaptor) 1.0 kg (2 lbs. 4 oz.) ● **Accessory** AC Adaptor (Roland ACI or ACB Series)

AD-3
Acoustic Instrument Processor

- *Compact acoustic instrument processing pedal developed exclusively for gigging acoustic-electric guitarists*
- *Footswitchable Bi-Stereo Chorus offers split-frequency processing*
- *Studio-quality reverb tuned for acoustic guitar*
- *Newly developed "Bottom" and "Top" controls eliminate thin, "dry" sound from piezo pickups*
- *Special Guitar Amp output provides great-sounding connection to a combo-type guitar amp*
- *Stereo balanced outputs allow for direct connection to PA*
- *Dual Anti-Feedback function can be set to "Auto" mode via footpedal*
- *Battery or AC-powered for maximum flexibility*

Specifications

● **AD Conversion** 20-bit + ΔΣ Method ● **DA Conversion** 20-bit + ΔΣ Method ● **Sampling Frequency** 44.1kHz ● **Connectors** Input, Output [L, R (1/4" TRS phone type)], AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor (PSA Series: Optional) ● **Current Draw** 90 mA ● **Dimensions** 170 (W) x 156 (D) x 70 (H) mm (6-3/4" x 6-3/16" x 2-13/16") ● **Weight** (incl. batteries) 1.0 kg (2 lbs. 4 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6

BR-1600CD
Version 2.0
Digital Recording Studio

COSM V-LINK

- *BOSS's flagship recorder with CD-burner built in*
- *8 simultaneous record tracks for capturing an entire band live*
- *COSM Models added (derived from BOSS's GT-6B)*
- *Enhanced Vocal Tool Box for better vocals and backings*
- *MIDI Slave capable for control from external MIDI devices*
- *BR-1180CD/1200CD data compatible*

Specifications USB

● **Tracks** Track: 16, V-Track: 256 (16 V-Tracks per each Track) **Up to 8 tracks can be recorded simultaneously, and up to 16 tracks can be played back simultaneously.* ● **Max. Useful Capacity / Recording Time** Internal Hard Disk: 40GB / Recording Time; 120 hours (conversion in one track) **The recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created. *The recording time is the total for all the tracks that are used. If each of the sixteen tracks contain an equal amount of data, the length of the resulting song will be approximately 1/16 of the time shown.* ● **Signal Processing** <AD Conversion>: [24-bit, AF Method (GUITAR/BASS)], [24-bit, ΔΣ Modulation (VOCAL)], [24-bit, ΔΣ Modulation (MULTI-TRACK)], [24-bit, ΔΣ Modulation (STEREO TRACKS)], <DA Conversion>: 24-bit, ΔΣ Modulation, <Internal Processing>: 24-bit (digital mixer section), <Recording Data>: 16-bit linear ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz–20kHz (+1/-3 dB) ● **Total Distortion** 0.025 % or less (INPUT SENS: CENTER, 1kHz at nominal output level) ● **Nominal Input Level (Variable)** GUITAR/BASS jack: -10dBu, MIC 1–8 jacks (XLR): -40dBu, INPUT 1–8 jacks: -10dBu ● **Input Impedance** [GUITAR/BASS jack: 1 MΩ], [MIC 1–8 jacks (XLR): 12.5 kΩ (HOT-COLD), 6.5 kΩ (HOT-GND, COLD-GND)], [INPUT 1–8 jacks: 22 kΩ] ● **Nominal Output Level** LINE OUT jack: -10dBu ● **Output Impedance** LINE OUT jack: 2 kΩ, PHONES 1, 2 jack: 100 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES 1, 2 jack: 8–50 Ω ● **Residual Noise Level** LINE OUT jack: -90dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ.) ● **Interface** DIGITAL IN: S/PDIF 16 to 24-bit (coaxial type), DIGITAL OUT: S/PDIF 16 to 24-bit (coaxial type), USB connector (B type) ● **Display** 130 x 36 mm (Backlit LCD) ● **Connectors** MIDI IN connector, MIDI OUT connector, USB connector, DIGITAL IN connector (coaxial type), DIGITAL OUT connector (coaxial type), FOOT SW jack (1/4" phone type), EXP PEDAL jack (TRS 1/4" phone type), LINE OUT jacks (RCA pin type), INPUT 1–8 jacks (unbalanced, 1/4" phone type), MIC 1–8 jacks (XLR balanced), PHONES 1 jack (Stereo 1/4" phone type), PHONES 2 jack (Stereo 1/4" phone type), GUITAR/BASS jack (1/4" phone type) ● **Power Supply** DC 12 V; AC Adaptor (Roland PSB-7U) ● **Current Draw** 3 A ● **Dimensions** 494 (W) x 339 (D) x 99 (H) mm, (19-1/2" x 13-3/8" x 3-15/16") ● **Weight** 4.9 kg (10 lbs. 13 oz.) (Excl. AC Adaptor) ● **Accessories** AC Adaptor: PSB-7U, Owner's Manual, Effect Patch List, DISCRETE DRUMS (CD-ROM)

** 0 dBu = 0.775 Vrms*

BR-1200CD
Digital Recording Studio

COSM

- *Built-in CD-burner and mastering effects for CD-quality mixes*
- *12 simultaneous playback tracks (192 V-Tracks) with individual Comp/EQ*
- *2 individual XLR inputs with phantom power, digital output*
- *GT inside! Famous BOSS GT-6 Guitar and Bass effects engine built in for unsurpassed signal processing*
- *Vocal Toolbox provides pitch correction and harmony generator for true pro vocal processing*
- *COSM mic and amp models offer incredible hardware simulation*
- *Backing band built in — programmable drum/bass pattern generator with 600 patterns and EZ compose feature for super fast drum and bass pattern creation*
- *Easy importing of stereo drum loops with Automatic Tempo Matching feature*
- *Internal hard drive can store up to 120 hours of uncompressed music*

- *USB port for data backup to computer, plus importing/exporting WAV/AIFF files*

Specifications USB

● **Tracks** Track: 12, V-Track: 192 (16 V-Tracks per each Track) **Up to 2 tracks can be recorded simultaneously, and up to 12 tracks can be played back simultaneously.* ● **Max. Useful Capacity / Recording Time** Internal Hard Disk: 40GB / Recording time; 120 hours (conversion in one track) **The recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created. *The recording time is the total for all the tracks that are used. If each of the twelve tracks contain an equal amount of data, the length of the resulting song will be approximately 1/12 of the above.* ● **Signal Processing** <AD Conversion>: [24-bit, AF Method (Guitar/Bass)], [24-bit, ΔΣ Modulation (VOCAL)], [24-bit, ΔΣ Modulation (LINE)], [24-bit, ΔΣ Modulation (SIMUL)], <DA Conversion>: 24-bit, ΔΣ Modulation, <Internal Processing>: 24-bit (digital mixer section), <Recording Data>: 16-bit linear ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz–20kHz (+1/-3 dB) ● **Total Distortion** 0.05 % or less (INPUT SENS : CENTER, 1kHz at nominal output level) ● **Nominal Input Level (Variable)** GUITAR/BASS jack: -20dBu, MIC 1/2 jacks (TRS Balanced/XLR): -40dBu, LINE IN jacks: -10dBu ● **Input Impedance** [GUITAR/BASS jack: 1 MΩ], [MIC 1/2 jacks (TRS Balanced/ XLR): 12.5 kΩ (HOT-COLD) 6.5 kΩ (HOT-GND, COLD-GND)], [LINE IN jacks: 22 kΩ] ● **Nominal Output Level** LINE OUT jack: -10dBu ● **Output Impedance** LINE OUT jack: 2 kΩ, PHONES jack: 100 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES jack: 8–50 Ω ● **Residual Noise Level** LINE OUT jack: -87dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ.) ● **Interface** DIGITAL OUT: S/PDIF 16 to 24-bit (optical type), USB connector (B type) ● **Display** 64 x 40 mm (Backlit LCD) ● **Connectors** MIDI IN connector, MIDI OUT connector, USB connector, DIGITAL OUT connector (optical type), FOOT SW jack (1/4" phone type), EXP PEDAL jack (TRS 1/4" phone type), LINE OUT jacks (RCA pin type), LINE IN jacks (RCA pin type), MIC 1/2 jacks (XLR/TRS balanced), PHONES jack (Stereo 1/4" phone type), GUITAR/BASS jack (1/4" phone type) ● **Power Supply** DC 12 V; Supply AC Adaptor (Roland PSB-7U) ● **Current Draw** 3 A ● **Dimensions** 478 (W) x 297 (D) x 95 (H) mm (18-7/8" x 11-3/4" x 3-3/4") ● **Weight** 4.1 kg (9 lbs. 1 oz.) (Excl. AC Adaptor) ● **Accessories** AC Adaptor: PSB-7U, Owner's Manual, DISCRETE DRUMS (CD-ROM)

** 0 dBu = 0.775 Vrms*

BR-900CD
Digital Recording Studio

COSM

- *Built-in CD-burner and Mastering Tool Kit*
- *8 simultaneous playback tracks, 2 simultaneous recording tracks with 8 V-tracks (64 V-Tracks total)*
- *2 XLR inputs with phantom power, plus 1/4" and RCA inputs, and digital out*
- *Pitch correction, chorus, delay, reverb, EQ, and other great BOSS-quality effects*
- *Programmable drum generator with 294 patterns, plus Tone Load function for custom beats*
- *Record direct to Compact Flash (128MB card included; record up to 624 minutes with optional 1GB card)*
- *Record direct to CD-R/RW*
- *USB port for data backup to computer, plus importing/exporting WAV/AIFF files*
- *Runs on batteries or AC power*

**When you use the CD-R/RW drive, you must use only the supplied AC adaptor. The CD-R/RW drive cannot be used while running on battery power*

Specifications USB

● **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track) **Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously.* ● **Max. Useful Capacity** CompactFlash card: 32MB to 1GB ● **Data Type** HiFi (MT2), Standard (LV1), Long (LV2) ● **Signal Processing** <AD Conversion>: [24-bit, ΔΣ Modulation + AF-AD (GUITAR/BASS)], [24-bit, ΔΣ Modulation + AF-AD (MIC)], [24-bit, ΔΣ Modulation (LINE)], [24-bit, ΔΣ Modulation (SIMUL)], <DA Conversion>: 24-bit, ΔΣ Modulation, <Internal Processing>: 24-bit (digital mixer section) ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz–20kHz (+1/-3 dB) ● **Nominal Input Level (Variable)** GUITAR/BASS jack: -20dBu, MIC 1/2 jacks (TRS Balanced/ XLR): -40dBu, LINE IN jacks: -10dBu ● **Input Impedance** [GUITAR/BASS jack: 1 MΩ], [MIC 1/2 jacks (TRS Balanced/ XLR): 1.5 kΩ (HOT-COLD), 1.0 kΩ (HOT-GND, COLD-GND)], [LINE IN jacks: 10 kΩ] ● **Nominal Output Level** LINE OUT jack: -10dBu ● **Output Impedance** LINE OUT jack: 2 kΩ, PHONES jack: 140 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES jack: 32–100 Ω ● **Residual Noise Level** LINE OUT jack: -85dBu or less (INPUT SELECT: GUITAR/BASS/MIC2, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ., Effect: Off) ● **Interface** DIGITAL OUT: S/PDIF 16 to 24-bit (optical type), USB connector ● **Display** 16 Characters x 2 Lines + Approx. 100 icons (Backlit LCD) ● **Connectors** GUITAR/BASS jack (1/4" phone type), MIC 1 jack (XLR balanced, TRS Balanced), MIC 2 jack (XLR balanced), LINE IN jacks (RCA pin type), LINE OUT jacks (RCA pin type), DIGITAL OUT connector (optical type), FOOT SW/ EXP PEDAL jack (1/4" phone type), PHONES jack (Stereo 1/4" phone type), MIDI OUT connector, USB connector ● **Power Supply** DC 9 V; Supplied AC Adaptor, Dry Batteries x 6 ● **Current Draw** 300 to 900 mA **Expected battery life under continuous use: Alkaline: 4 hours These figures will vary depending on the actual conditions of use.* ● **Dimensions** 351 (W) x 225 (D) x 69 (H) mm (13-7/8" x 8-7/8" x 2-3/4") ● **Weight** 2.2 kg (4 lbs. 14 oz.) (Excl. AC Adaptor) ● **Accessories** AC Adaptor: PSC-Series, Owner's Manual, Demo Card

** 0 dBu = 0.775 Vrms*

DR-880
Dr. Rhythm

COSM TSC

- *440 drum and percussion sounds, 40 bass sounds with COSM® bass-amp models*
- *Guitar/bass input, multi-effects, COSM amp/drive models*
- *Innovative EZ Compose feature for quick, hassle-free programming*
- *3 independent insert effects (EQ and compression), TSC (Total Sound Control) featuring 3-band EQ and high-quality ambience*
- *1,000 patterns (500 preset, 500 user); easily add fills, ghost notes, chord progressions, and more*
- *20 velocity-sensitive pads*
- *Four assignable footswitch and expression-pedal inputs*
- *Individual outputs, digital out, USB port*

USB

Specifications

● **Max. Polyphony** 32 voices *Depending on the bass sound selected, maximum polyphony may be lower ● **Instruments** Drums: 440, Bass:40 ● **Kits** Preset: 100, User: 100 ● **Rhythm Patterns** User: 500, Preset: 500 ● **Songs** User: 100 ● **Tempo** Quarter Note: 20 – 260 bpm ● **Max. Note Storage** Approx.30,000 notes ● **Resolution** Per quarter note: 96 ● **Connectors** [Rear] Output L(Mono), R (1/4" Phone Type), L, R (RCA pin Type), Individual A, B (1/4" Phone Type), Digital Out (coaxial), USB, CTL 1/2, CTL 3/4/EXP Pedal, MIDI (In, Out), AC Adaptor, [Front] Phones (stereo1/4" Phone Type), Guitar/Bass Input (1/4" Phone Type) ● **Power Supply** AC Adaptor (BRC Series) ● **Dimensions** 273 (W) x 242 (D) x 72 (H) mm (10-3/4" x 9-9/16" x 2-7/8") ● **Weight** 1.4 kg (3 lbs. 2 oz.) (excl. AC adaptor) ● **Accessories** AC Adaptor (BRC Series), DR-880 Driver CD-ROM ● **Options** Foot Switch (FS-5U, FS-6), Expression Pedal (EV-5), Foot Switch Cable (PCS-31)

DR-670
Dr. Rhythm

- *Affordable BOSS drum machine with 256 superb-quality drum and percussion sounds*
- *Velocity-sensitive pads permit very expressive rhythm pattern programming*
- *Bass part for programming bass lines using 16 different sounds*
- *200 versatile preset rhythm patterns and 200 user-programmable patterns*
- *Fretboard-style pad interface for easy programming of rhythm/bass lines*
- *Direct Pattern Play function for triggering patterns "on the fly"*

Specifications

● **Max. Polyphony** 20 voices ● **Instruments** Drums: 256, Bass: 16 ● **Rhythm Patterns** User: 200, Preset: 200 ● **Songs** Songs: 100, Song length: Max. 250 patterns for a song, Total Patterns for all songs: approx. 3,000 ● **Tempo** Quarter Note: 20 – 260 bpm ● **Max. Note Storage** Approx. 8,000 notes ● **Resolution** Per quarter note: 96 ● **Recording Method** Realtime, Step ● **Connectors** Output (L, R), Headphones (stereo miniature phone type), Foot Switch (stereo 1/4" phone type), MIDI (In, Out), AC Adaptor (DC 9 V) ● **Power Supply** DC 9 V: Dry Battery (LR6 (AA) type) x 6, AC Adaptor (PSA Series: Optional) ● **Dimensions** 213 (W) x 169 (D) x 53 (H) mm (8-7/16" x 6-11/16" x 2-1/8") ● **Weight** 750 g (1 lb. 11 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6), Foot Switch Cable (PCS-31)

DR-3
Dr. Rhythm

TSC

- *BOSS' most affordable drum machine for jamming or practice*
- *Realistic drum, percussion, and bass sounds with velocity-sensitive pads*
- *New Rhythm Progressions with 3 variations each for Intro, Verse, Fill, and Ending*
- *New TSC (Total Sound Control) with Sound Shape function and Ambience*
- *100 Preset/User styles programmable via realtime or step recording*
- *Footswitch input for easy live control; AC or battery power*

Specifications

● **Max. Polyphony** 12 voices ● **Instrument** Drums and Percussion: 120, Bass: 12 ● **Styles** User: 100, Preset: 100 *11 patterns for a style ● **Songs** User Song: 100, Song Length: Max. 250 patterns for a song ● **TSC (Total Sound Control)** <Sound Shape> Preset: 8, User: 8, <Ambience> Preset: 8, User: 8 ● **Tempo** 20 - 260 bpm ● **Max. Note Storage** Approx.20,000 notes ● **Resolution** Per quarter note: 96 ● **Recording Method** Realtime, Step ● **Pads** 13 (velocity-sensitive) ● **Connectors** Output (L/R (RCA pin type), L (Headphones), R (Mono, 1/4" phone type), Foot Switch (TRS 1/4" phone type), MIDI In, DC In (AC Adaptor Jack) ● **Power Supply** DC 9 V: Dry Battery (LR6 (AA) type) x 6, AC Adapter: PSA Series ● **Dimensions** 213 (W) x 185 (D) x 53 (H) mm (8-7/16 x 7-5/16 x 2-1/8") ● **Weight** (excl. batteries) 710 g (1 lb. 10 oz.) ● **Accessory** Alkaline Dry Battery (LR6 (AA) type) x 6 ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6), Foot Switch Cable (PCS-31)

DB-90
Dr. Beat

- *Quick rhythm customizing with Note Mixing function, dozens of play-along drum patterns also built in*
- *Dedicated sliders, buttons, rotary dial, and large backlit LCD for user-friendly operation*
- *4 metronome (including human voice) sounds*
- *Reference Tone function makes it easy to verify tuning by ear*
- *Practice with the Rhythm Coach by connecting a V-Pad (optional) — rubber pads and acoustic drums can also be detected via built-in mic*
- *Direct connection with guitar and bass, plus headphone monitoring*
- *Footswitch control for hands-free play/stop, and MIDI input for sync to external sequencers*

Specifications

● **Metronome** Tempo: 30 to 250 (Accuracy: ± 0.1%), Beat 1: 1-9, Beat 2: OFF, 1-9, Pattern: 8-Beat x 4, 16-Beat x 3, Shuffle x 3, Funk x 2, Jazz x 2, Blues, Techno, House, Country, Reggae, Clave 3-2, Clave 2-3, Salsa, Rumba, Bossa Nova, Samba, Waltz, Tango, Mambo, Chachacha, March (30 kinds) ● **Rhythm Coach** Time Check, Quiet Count, Gradual Up/Down, Step Up/Down ● **Reference Tone** Reference Pitch: A4=438Hz-445Hz (1Hz steps), Reference Tone Range: C2-B6 (5 octave, 12 semitones) ● **Memory** Metronome: 50, Reference Tone: 10 ● **Auto Power Off function** Turns unit off after 60 min. ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connectors** TRIG IN, START/STOP, MEMORY UP/DOWN, MIDI IN, PHONES x 2 (Stereo 1/4" phone type, Stereo miniature phone type), INPUT Jack, AC Adaptor Jack ● **Power Supply** DC 9V: Dry Battery (6LR61/9V, 6F22/9V) or AC Adaptor (PSA Series) ● **Current Draw** 85 mA or less (with reference tone sounding), 190 mA or less (with signals inputting to the INPUT jack) ● **Dimensions** 122 (W) x 164 (D) x 37.5 (H) mm (4-3/4" x 6-1/2" x 1-1/2") ● **Weight** 450 g (14 oz.) (incl. battery) ● **Accessories** Dry Battery (6F22/9 V type), Soft case

DB-60
Dr. Beat

- *Metronome with wide variety of preset rhythm patterns*
- *Tap tempo, stopwatch, timer, and reference tone functions*
- *Combine quarter-, eighth-, 16th-note, and triplet patterns for custom polyrhythms*
- *Loop Play function allows patterns to repeat a specific number of times*
- *Backlit display*

Specifications

● **Metronome** Tempo: 30 to 250 (Accuracy: ±0.1%), Beat: 1-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6,6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (23 kinds), Pattern: 8 Beat x 3, 16 Beat x 2, Shuffle x 2, Funk, Dance x 2, Country, Reggae, Clave x 2, Rumba, Bossa nova, Waltz, Tango, Mambo, March (20 kinds) ● **Reference Tone** Reference Pitch: A4=438Hz-445Hz (1Hz steps), Reference Tone Range: C4-B4 (Accuracy: ±1 cent) ● **Timer** Setting Range: 1 to 60 minutes ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connector** PHONES Jack (Stereo miniature phone type) ● **Power Supply** Dry Battery (R6/LR6 (AA) Type) x 2 ● **Dimensions** 129 (W) x 84 (D) x 22 (H) mm (5-1/8" x 3-5/16" x 0-7/8") ● **Weight** 156 g (6 oz.) (incl. batteries) ● **Accessories** Dry Battery (R6 (AA) Type) x 2, Soft case

DB-30
Dr. Beat

- *Portable, ruggedly built, and packed with fun play-along patterns*
- *24 beat variations with complex beats, and 9 rhythm patterns*
- *Large LCD with smooth tempo meter*
- *Tap-tempo feature*
- *12 internal chromatic reference tones*
- *Convenient Phones jack and Auto Power-Off function*

Specifications

● **Metronome** Tempo: 30 to 250 (Accuracy: ±0.1%), Beat: 0-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), Rhythm: Quarter note, Eighth note, Eighth rest and eighth note, Triple, Triple with center rest, Sixteenth note, Sixteenth note with sixteenth rest, CLAVE 1, CLAVE 2 (9 kinds) ● **Reference Tone** Reference Pitch: A4 = 438Hz-445Hz (1Hz steps), Reference Tone Range: C4 to B4 (Accuracy: ±1 cent) ● **Auto Power Off function** Turns unit off after 60 min. ● **Memory function** Stores the settings when the power is turned off. (The Mute status is not stored in memory.) ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connector** PHONES Jack (Stereo miniature phone type) ● **Power Supply** CR2032 lithium battery x 1 ● **Power Consumption** 10 mA or less (with reference tone sounding) ● **Dimensions** 61 (W) x 90 (D) x 20 (H) mm (2-7/16" x 3-9/16" x 13/16") ● **Weight** 70 g (3 oz.) (incl. battery) ● **Accessory** CR2032 lithium battery

TU-15
Chromatic Tuner

- *Accu-Pitch™ plays a tone to signal when a string has been tuned correctly*
- *Drop D, Open D/E/G/A, DADGAD, plus flat tunings up to 5 semitones*
- *Octave Adjust function simplifies tuning using open string and 12th fret*
- *Backlit needle and LCD tuning—tune up anywhere!*

Specifications

● **Reference Pitch** A4 = 430 to 449Hz (1Hz steps) ● **Tuning Range** E0 to C8 ● **Connectors** Input, Output, AC Adaptor ● **Power Supply** Dry Battery (R6/LR6 (AA) type) x 2; DC 3 V, AC Adaptor DC 9 V (PSA Series: Optional) ● **Dimensions** 149 (W) x 58 (D) x 40 (H) mm (5-7/8" x 2-5/16" x 1-5/8") ● **Weight** (incl. batteries) 190 g (7 oz.) ● **Accessory** Dry Battery (R6 (AA) Type) x 2 ● **Option** AC Adaptor (PSA Series)

TU-12/12H
Chromatic Tuners

■ TU-12

■ TU-12H

Specifications

● **Reference Pitch** 440 to 445Hz (1Hz steps) ● **Tuning Range** TU-12: C1 to B5, TU-12H: C1 to B6 ● **Connectors** Input, Output, AC Adaptor ● **Power Supply** Dry Battery (DC 9 V), AC Adaptor (PSA Series: Optional) ● **Dimensions** 145 (W) x 53 (D) x 35 (H) mm (5-3/4" x 2-1/8" x 1-7/16") ● **Weight** 170 g (6 oz.) ● **Option** AC Adaptor (PSA Series)

TU-80
Tuner & Metronome

- *Tune a variety of instruments with chromatic tuning and Accu-Pitch*
- *Reference pitches can be played for easier tuning*
- *Metronome function provides helpful rhythm training*

Specifications

[Tuner] ● **Reference Pitch** A4 = 435 to 446Hz (1Hz steps) ● **Tuning Range** E0 to C8

[Metronome] ● **Tempo** 30 to 250 bpm ● **Rhythm Style** Quarter note, Eighth rest and eighth note, Eighth note, Triple, Triple with center rest, Sixteenth note, Clave (3-3, 2-3) ● **Connectors** Input, Output ● **Power Supply** Dry Battery (R6/LR6 (AA) type) x 2 ● **Dimensions** 122 (W) x 68 (D) x 21 (H) mm (4-13/16" x 2-11/16" x 7/8") ● **Weight** (incl. batteries) 117 g (5 oz.) ● **Accessory** Dry Battery (R6 (AA) type) x 2

TU-2
Chromatic Tuner

- *Mute/Bypass select for silent tuning with a single stomp*
- *11-point LED indicators and new "stream" meter display tuning discrepancy via speed and direction of LED's*
- *7-segment LED displays string and note names; easily visible on dark stages*
- *Seven easy tuning modes include Chromatic, Guitar Regular, Guitar Flat, Guitar Double Flat, Bass Regular, Bass Flat, Bass Double Flat*

Specifications

● **Reference Pitch** A4 = 438 to 445Hz (1Hz steps) ● **Tuning Range** C0 to C8 ● **Connectors** Input, Output, Bypass, AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (6F22/9V), AC Adaptor (PSA Series: Optional) ● **Dimensions** 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") ● **Weight** 420 g (15 oz.) ● **Accessory** Dry Battery (6F22/9 V) ● **Option** AC Adaptor (PSA Series)

AB-2
2-way Selector

- *Affordable A/B selector with 1-click operation and silent switching*
- *2-way selector for using A/B input with one output, or vice-versa*
- *Instantly change guitars, amplifiers or switch between an amp and tuner*

Specifications

● **Connectors** A Jack, B Jack, In/Out Jack ● **Current Draw** 5 mA or less ● **Power Supply** Dry Battery (R03/LR03 (AAA) type) x 2 ● **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-13/16" x 3-9/16" x 1-3/4") ● **Weight** 240 g (9 oz.) ● **Accessories** Dry Battery (R03/LR03 (AAA) type) x 2, Number Sticker

DI-1
Direct Box

- *Active direct box with superior frequency response to conventional transformers*
- *Operates on a 9-volt battery or phantom power from a mixer*
- *Phase reversal and ground lifting switches*
- *Sturdy, compact design*
- *Three input level switches*

Specifications

● **Frequency Response** 20Hz to 40kHz (+0.5/-1dB) ● **Nominal Input Level** -20/0/+20dBu (Selectable) ● **Max. Input Level** +45dBu (1kHz), 390 Vp-p ● **Max. Output Level** +8dBu (Balanced, 600 Ω load) /Unbalanced, 50 kΩ) ● **Residual Noise** -11dBu or less (IHF-A) ● **Total Harmonic Distortion** 0.05 % or less ● **Current Draw** 6 mA ● **Dimensions** 96.5 (W) x 125 (D) x 46 (H) mm (3-13/16" x 4-15/16" x 1-13/16") ● **Weight** 480 g (1 lb. 1 oz.)

** 0 dBu=0.775 Vrms*

FV-500H/FV-500L NEW
Foot Volumes

- *Heavy-duty aluminum die-cast body*
- *Ultra-smooth pedal movement for the utmost in comfort and control*
- *Adjustable pedal feel (torque)*
- *Rubber surface for comfortable play and non-slip action*
- *Expression pedal function*
- *Convenient tuner-output jack*

■ FV-500H

■ FV-500L

Specifications

[FV-500H] ● **Control** MINIMUM VOLUME knob ● **Resistance Value of Volume Pod** Pedal: 250kΩ, MINIMUM VOLUME: 500kΩ ● **Connectors** INPUT jack, OUTPUT jack, EXP (Expression) jack, TUNER OUT jack ● **Dimensions** 110 (W) x 289 (D) x 72 (H) mm (4-3/8" x 11-7/16" x 2-7/8") ● **Weight** 1.6 kg (31 lbs. 90 oz.)
[FV-500L] ● **Control** MINIMUM VOLUME knob ● **Resistance Value of Volume Pod** Pedal: 20kΩ, MINIMUM VOLUME: 50kΩ ● **Connectors** INPUT jack 1, 2, OUTPUT jack 1, 2, EXP (Expression) jack, TUNER OUT jack ● **Dimensions** 110 (W) x 289 (D) x 72 (H) mm (4-3/8" x 11-7/16" x 2-7/8") ● **Weight** 1.6 kg (31 lbs. 90 oz.)

FV-50H/FV-50L
Volume Pedals

Specifications

[FV-50H/50L] ● **Control** Main VOLUME (pedal), MINIMUM VOLUME button ● **Connectors** Input x 2, Output x 2, Tuner Out ● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g (14 oz.)

■ FV-50H

■ FV-50L

FS-6
Dual Footswitch

■ *Both footswitches can be independently assigned as latch-type or momentary-type*

FS-5U/FS-5L/FS-1
Footswitches

■ FS-5U

■ FS-5L

■ FS-1

Specifications

[FS-5U] ● **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-3/8" x 3-1/2" x 1-11/16") ● **Weight** 230 g (8 oz.)
[FS-5L] ● **Power Supply** Dry Battery (R03 (AAA) type) x 2 ● **LED Indicator** On, Off ● **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-3/8" x 3-1/2" x1-11/16") ● **Weight** 240 g (8 oz.)

DP-10
Damper Pedals

DP-8/2
Damper Pedals

■ DP-8 (Supports half-pedal recognition)

■ DP-2

FC-200
MIDI Foot Controller

- *128 Patch selections and more using bank select*
- *Realtime control of volume and MIDI parameters*
- *Combines program changes and bank selections*
- *With the FC-200, VF-1 parameters can be edited via system exclusive data*
- *Heavy-duty, road-worthy construction*

Specifications

● **Display** 8-segment, 2-character LED ● **Connectors** MIDI (In, Out), MODE Change, Control/Expression Pedal Jacks (1 to 6), DC In ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC adapter (optional PSA series) ● **Dimensions** 600 (W) x 214 (D) x 75 (H) mm (23-5/8" x 8-7/16" x 3") ● **Weight** 3.2 kg (3 lbs. 1 oz.)

GFC-50
Foot Controller

The GFC-50 is a convenient, "hands-free" way to change Patches when using a Roland V-Guitar™ Amplifier, etc. Dual Expression Pedal inputs provide optional realtime parameter and volume control.

Specifications

● **Power** DC 9 V: AC Adapter (PSA Series) /Dry Battery (R6/LR6 (AA) type) x 6 (optional) ● **Dimensions** 423 (W) x 135 (D) x 40 (H) mm (16-11/16" x 5-3/8" x 1-5/8") ● **Weight** (excl. AC Adaptor) 1.6 kg (3 lbs. 9 oz.) ● **Accessory** AC Adaptor (PSA Series)

FC-7
Foot Controller

Seven realtime arranger functions are controllable: Basic/Advance, Original/Variation, Fill-in to Variation, Fill-in to Original Intro, Start/Stop, Ending

Specifications

● **Dimensions** 540 (W) x 140 (D) x 50 (H) mm (21-5/16" x 5-9/16" x 2") ● **Weight** 1.7 kg (3 lbs. 12 oz.)

EV-5
Expression Pedal

Specifications

● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g (14 oz.)

DR-80C
Condenser Microphone

Specifications

● **Type** Condenser ● **Frequency Response** 20-20,000Hz ● **Output Impedance** 200Ω ● **Polar Patterns** Cardioid ● **Sensitivity** -32 dB (0 dB=1 V/Pa, 1kHz) ● **Dimensions** 52 (W) x158 (D) x 21 (H) mm (2-1/6" x 6-1/4" x 7/8") ● **Weight** 345 g (13 oz.) ● **Accessories** Shock-mount holder, Screw Adaptor (5/8"-27, 3/8"-16), Carrying case

DR-50/30
Dynamic Microphones

Specifications

[DR-50] ● **Type** Dynamic ● **Frequency Response** 90 -16,000Hz ● **Output Impedance** 300Ω ● **Polar Patterns** Hyper Cardioid ● **Sensitivity** -54 dB (0 dB=1 V/Pa, 1kHz) ● **Weight** 355 g (13 oz.) ● **Accessories** Stand clamp, Screw Adaptor (5/8"-27, 3/8"-16), 4.5m (15') cable, Carrying case

[DR-30] ● **Type** Dynamic ● **Frequency Response** 100-13,000Hz ● **Output**Impedance 600Ω ● **Polar Patterns** Cardioid ● **Sensitivity** -52 dB (0 dB=1 V/Pa, 1kHz) ● **Weight** 305 g (11 oz.) ● **Accessories** Stand clamp, Screw Adaptor (5/8"-27, 3/8"-16), 4.5m (15') cable, Carrying case

■ DR-50

■ DR-30

RH-200/50/25
Headphones

Specifications

[RH-200] ● **Type of Construction** Closed Type; Dynamic ● **Driver** 40 mm in diameter; Neodymium Magnet ● **Weight (less cable)** 0.2 kg (8 oz.) ● **Cable** 3.4 m, coiled cable ● **Connector** 1/8" stereo mini-plug (w/ screw-on 1/4" adapter)

■ RH-200

■ RH-50

■ RH-25

KS-V7 V-Stand™
Keyboard Stand

Specifications

● **Dimensions** 483 – 711 (W) x 622—1,054 (H) mm (19 – 28" x 24.5—41.5") ● **Base Diameter** Diameter 927 (W) x 609 (D) mm, (36.5" x 24") ● **Folded Size** 711 (W) x 241 (D) x 152 (H) mm (28" x 9.5" x 6") ● **Load Capacity** 113.4 kg (250 lbs.) ● **Weight** 8.95 Kg (19.75 lbs.)

** V-Stand™ is a trademark of Ultimate Support Systems,Inc.*

KS-12
Keyboard Stand

Specifications

● **Dimensions** 582—907 (W) x 208 (D) x 645—875 (H) mm (22-15/16"—35-3/4" x 8-3/16" x 25-7/16"—34-1/2") ● **Weight** 7.0 kg (15 lbs. 7 oz.)

RAD-50
Rackmount Adaptor

Specifications

● **Dimensions** 482 (W) x 135 (D) x 43 (H) mm (19" x 5-3/8" x 1-3/4") ● **Weight** 800 g (1 lbs. 13 oz.)

BNC-Series
Organ Benches

BNC-88
(for VK-88)
BNC-80-AK
(for C-80-AK)
BNC-60
(for AT-80SL/60SL)
**Lid of the bench can be opened*

BNC-60-AK
(for AT-80SL-AK)
**Lid of the bench can be opened*
BNC-15
(for AT-45/15)

■ BNC-60

AC Adaptors
PSA-Series (117/230/240 V)
ACA-Series (117/230 V)

MIDI Cables
MSC-15 (1.5 m)
MSC-25 (2.5 m)
MSC-50 (5.0 m)

Audio Cables
PCS-31 (Stereo 1/4" ↔ 2 x 1/4"; 2.2 m)
PCS-31L
PJ-1M (L-type 1/4" ↔ RCA Pin + 1/4"; 2.5 m)

DC Cable
PCS-20A **8PIN Parallel DC Cable**
(8 x DC Plug; 1 m)

Dry Battery
006P [R6 (AA) type]

M-UF128
USB Flash Memory

- *High-quality USB Flash memory*
- *Quick data transfer; large storage capacity (equivalent to approx. 90 floppy disks)*
- *Easy handling, excellent portability, designed to perfectly fit into the External Memory port of KR107 and RG-7*
- *USB plug protector included*

FD-01A
Floppy Disk Drive

- *High-quality 3.5-inch external floppy disk drive for KR107*
- *Useful for importing legacy MIDI files*
- *Mounts cleanly on the KR107 with included mounting kit*

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What is General MIDI?

General MIDI is an industry-wide set of specifications for sound sources that allow music data to be created regardless of manufacturer or specific models. General MIDI defines the minimum number of voices that should be supported, the MIDI messages that should be recognized, which sounds correspond to which Program Change numbers, and the layout of rhythm sounds on the keyboard. The General MIDI logo on a sound source indicates compatibility with song data which also carries the General MIDI logo.

What is General MIDI 2?

GM2 (General MIDI System Level 2) is a set of standards for editing voices not covered by GM1. GM2 also defines the operation specifications of effects and other elements in detail, and enables more sophisticated performance expression and greater compatibility by expanding the range of voices.

What is Roland's GS® Format?

The GS Format is a Roland specification that defines the manner in which multitimbral sound sources respond to MIDI messages. The GS Format includes specifications of sounds, functions available for Tone editing, effects (chorus and reverb), and additional standardized parameters. Any sound source that carries the GS Format logo is compatible with any GS Music Data (music data created under the GS Format).

What is XG lite?

XG is a tone generator format developed by Yamaha Corporation that defines the ways in which voices are expanded or edited, and the structure and type of effects, in addition to the General MIDI 1 specification. XG lite is a simplified version of the XG tone generation format. While XG music files can be played back using an XG lite tone generator, some files may play back differently compared to the original files due to the reduced set of control parameters and effects.

What is SMF with Lyrics?

"SMF with Lyrics" refers to Standard MIDI Files that contains lyrics. When music files carrying the "SMF with Lyrics" logo are played back on a compatible device (one bearing the same logo), the lyrics will appear in its display.

What is ism®?

"ism" stands for Intelligent System of Music. It's Roland's total music education support concept utilizing electronic instruments.

What is COSM®?

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

What is RSS®?

RSS, which stands for "Roland Sound Space", is an original Roland technology that permits control over the sense of direction, distance, ambience, and movement of the sound within the three-dimensional sound field that surrounds the listener.

What is V-LINK?

Using V-LINK, musicians can "play" video from their electronic instrument — or even control a live video camera — when used with Edirol video products. With V-LINK, musicians have a powerful new interface for realtime audio and video integration.

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